रजिस्ट्री सं० डीएल – 33001/96

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भारत का राजपत्र
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No. 43] NEW DELHI, SATURDAY, OCTOBER 26, 1996 (KARTIKA 4, 1918)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 26th October 1996

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Calcutta-700 020.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 26 अक्तूबर 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं ।

पेटेंट कार्यालय शाखा, टोडी इस्टेट
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश तथा गोआ राज्य क्षेत्र एवं संघ शासित क्षेत्र दमन तथा दीव एवं दादरा और नगर हवेली ।

तार पता-"पेटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश तथा दिल्ली राज्य क्षेत्रों एवं संघ शासित क्षेत्र चण्डीगढ़ ।

तार पता-"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता-"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन. 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता-"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

ALTERATION OF DATE

177048 filed on 26-11-90.

(1165/Del/90) Ante-dated to 24-11-87.

APPLICATION FOR PATENT FIELD AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The Dates shown in the crecent bracket are the dated claimed under section 135, of the Patent Act, 1970.

01-08-96

1368/Cal/96. Soumitra Ranjan Mukherjee. "recovery".

1369/Cal/96. Thomson Consumer Electronics, Inc. "Linked list structure onscreen display." (Convention Nos. 60/001798; NIL; on 2-8-95; 19-7-96; in U.S.A.).

1370/Cal/96. Brooks Bond Lipton India Limited. "Preparation of food materials." (Convention No. NIL; on 01-08-95; in United Kingdom).

1371/Cal/96. Lifescan, Inc. "Direct-reading reagent test strip." (Convention No. 08/528511; on 3-8-95, in U.S.A.).

1372/Cal/96. Siemens Aktiengesellschaft. "Method for simulating, in particular, triangular or trapezodial membership functions in the transformation of a fuzzy system into a neural network." (Convention No. 19528984.6; on 7-8-95; in Germany).

1373/Cal/96. Siemens Aktiengesellschaft. "Method and system for starting up a continuous-flow steam generator." (Convention No. 19528438.6; on 2-8-95; in Germany).

1374/Cal/96. ELF Atochem North America, Inc. "Improved hydroformylation process with separation and recycle of active rhodium catalyst".

1375/Cal/96. Harnischfeger Corporation. "Dragline with improved thrust bearing assembly supporting upper structure". (Convention No. 08/537,300; on 29-9-95; in U.S.A.).

1376/Cal/96. Reckitt & Colman Inc. Blooming type, hard surface cleaning and/or disinfecting compositions". (Convention No. 9516072.7 9516081.8; on 04-08-95; in U.K.).

1377/Cal/96. Harnischfeger Corporation. "Bearing retainer assembly". (Convention No. 08/529,320: or 18-9-95; in U.S.A.).

1378/Cal/96. Mulchand Agarwal of Parvatikunj. "A process for preparing a herbal composition".

02-08-96

1379/Cal/96. Syquest Technology Inc. "Method and apparatus for launching and retracting read write heads from the medium of a risk drive. (Convention No. 08/510,976 on 3-8-95 in U.S.).

1380/Cal/96. Bernard Zimmern. "Screw compressor with liquid lock preventing slide". (Convention No. 9509680; on 09-08-95; in France).

1381/Cal/96. Arco Chemical Technology, L.P. "Improved epoxidation process". (Convention No. 08/510, 221; on 02-08-95; in U.S.A.).

1382/Cal/96. Tateho Chemical Industries Co. Ltd. "A method of producing composite metal hydroxide composite metal hydroxide obtained thereby and a flame retardang high molecular composition obtained thereby and therewith. (Convention No. 7-198786; on 3-8-95; in Japan).

1383/Cal/96. Nippon Steel Corporation. Mitsubishi Jukogyo Kabushiki Kaisha. "Steel for chimney or gas duct, excellent in pitting resistance and rust adhesion'. (Convention No. 07-217328; on 25-8-95; in Japan).

1384/Cal/96. Witco Corporation. "Reducing estrogenicity of alkoxylated compounds and products thereof".

05-08-1996

1385/Cal/96. Reckitt & Colman of India Limited "Improvements in or relating to organic compositions".

1386/Cal/96. Reckitt & Colman of India Limited. "Improvements in or relating to organic compositions".

1387/Cal/96. Reckitt & Colman of India Limited. "Improvements in or relating to organic compositions".

1388/Cal/96. Reckitt & Colman of India Limited. "Improvements in or relating to organic compositions".

1389/Cal/96. Daewoo Electronics Co. Ltd. "Suction port structure of a refrigerator". (Convention No. 95-20227; on 4-8-95; in Korea).

1390/Cal/96. Daewoo Electronics Co. Ltd. "Refrigerator having a swing shelf'. (Convention No. 95-24188; on 4-8-95; in Korea).

1391/Cal/96. Daewoo Electronics Co. Ltd. "Door for a refrigerator having rotatable pockets". (Convention No. 95-24164; on 4-8-95; in Korea).

1392/Cal/96. DAE Yeong Co. Ltd. "Pharmaceutical composition for the treatment of hepatitis B comprising extract of phyllanthus usuriensis and/or phyllanthus urinaria".

1393/Cal/96. Kawasaki Steel Corporation. "High temperature refractory material applying apparatus for the wall of a coking chamber in a coke battery". (Convention No. 286180; on 2-11-95; in Japan).

1394/Cal/96. (1) Sangstate Medical Corporation. (2) University of north Carolina at Chapel Hill. "Oral cyclosporin formulations". (Convention Nos. 08/519,689; 08/620,021; 08/622,516; on 25-8-95; 21-3-96; 25-3-96; in U.SA.).

1395/Cal/96. Krone Aktiengesellschaft. "Switching field". (Convention No. 19529974.4; on 16-8-95; in Germany).

1396/Cal/96. Krone Aktiengesellschaft. "Terminal block for high transmission rates". (Convention Nos. 19537532.7; 19614788.3; on 29-9-95; 4-4-96: in Germany).

1397/Cal/96. (1) Barry E. Alumbaugh; (2) Thelma Alumbaugh; (3) Norman T. Jennings; (4) Robert J. Clark; "Composition and metohd for controlling odor in organic waste material". (Convention No 60/001,887; on 4-8-95; in U.S.A.).

1398/Cal/96. Citibank, N.A. "Electronics-monetary system". (Divided out of No. 721/C/92 Antidated to 7-10-92).

1399/Cal/96. Citibank, N.A. "Electronics-monetary system". (Divided out of No. 721/C/92 Antidated to 7-10-92).

1400/Cal/96. Citibank, N.A. "Electronics-monetary system". (Divided out of No. 721/C/92 Antidated to 7-10-92).

1401/Cal/96. Citibank, N.A. "Electronics-monetary system". (Divided out of No. 721/C/92 Antidated to 7-10-92).

1402/Cal/96. Citibank N.A. "Electronics-monestary system". (Divided out of No. 721/C/92 Antidated to 7-10-92).

1403/Cal/96. Natural Pac Company. "Grain de-acidizing process mill"

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under Section 20 (1) of the Patents Act, 1970 application No. 727/Del/85(169881) of SAB NIFE AB., has been allowed to proceed in the name of SAB WABCO HOLDINGS BV.

In pursuance of leave granted under Section 20 (1) of the Patents Act, 1970 application No. 1020/Del/86 (167896) of SAB NIFE AB., has been allowed to proceed in the name of SAB WABCO HOLDINGS BV.

In pursuance of leave granted under Section 20 (1) of Patents Act, 1970 application No. 384/Del/86 (170102) of M & T Chemicals Inc., has been allowed to proceed in the name of Atochem North America, Inc.

In pursuance of leave granted under Section 20 (1) of Patents Act, 1970 application No. 322/Del/87 (170748) of PIAGGIO & C. S.P.A., Italy has been allowed to proceed in the name PIAGGIO VEICOLI EUROPEI S. r.1., Italy.

In pursuance of leave granted under Section 20 (1) of the Patents Act, 1970 application No. 940/Del/84 (170949) of General Electric Co. PLC & Ashley John Renham, England, has been allowed to proceed in the name of Osram-Gec Limited, England and Ashley John Renham, England.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month, applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के अंदर में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि होई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 157 D; 157 D. 177001
Int. Cl. : E 01B 5/00, 11/00, 25/06, 29/00, 31/00.

ONE PIECE V-SHAPED STEEL INTERSECTION POINT IN RAILS AND A PROCESS FOR PRODUCING THE SAME.

Applicant : HINDUSTAN DEVELOPMENT CORPORATION LTD. AN INDIAN COMPANY OF MODY BUILDING, 27 SIR R. N. MUKHERJEE ROAD, CALCUTTA-700 001, WEST BENGAL, INDIA.

Inventor : ANURANJAN PRASAD.

Application No. 21/Cal/91; filed on 4-1-91.

Provisional Specification left on 20-2-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

14 Claims

A one piece V-shaped steel inter-section point in rails, comprising two similar steel sections held together by fastners wherein a metal piece being inserted and welded between said steel sections so as to form a one piece/inter-section point.

Fig 1

(Comp. Specn. 10 pages; Drgns. Nil)
(Prov. Specn. 23 pages; Drgns. 2 sheets)

Cl. 179 F G A. 177002
Int. Cl.[4] : B 65 H 29/00.

DEVICE FOR TURNING FLAT OBJECTS, SUCH AS FOR EXAMPLE BUNDLES OF NOTES.

Applicant : DELA RUE GIORI S. A. of 4 rude la paix, 1003 Lausanne/Switzerland.

Inventor : HARTMUT KARL SAUER.

Application No. 323/Cal/91. filed on 26-04-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

8 Claims

Device for turning flat objects (2a, 2b, 2c), such as for example bundles of notes, which are transported in uniform fashion as material to be conveyed on a conveying track (1) with the aid of pushers (3a, 3b, 3c) characterized in that a thrusting mechanism which accelarates the objects has a thrusting member (5) which movems parallel to the conveying tranck and is provided along a turning zone, which member has a front face (5a), inclined backwards in relation to the conveying direction and is moved periodically with an acceleration relative to the conveying speed out of a starting position into an end posnjon and back into the starting position by a drive arrangement (20 to 27), the full motion cycle of this thrusting member (5) being equal to the quotient of the distance between successive objects on the conveying track and the conveying speed, and an upward curved ramp (8), the start of which lies tangentially to the conveying track (1) and, at a distance from the end of this ramp, in the track of motion defined by the letter a guide track (9) curved further upwards and bent to, at least vertical orientation are arranged in the turning zone in such a way that each object under acceleration by the thrusting member (5), is pushed up on the ramp (8) and the guide track (9), then tilted backwards through an angle of over 90 and after removal of the thrusting member (5) out of its end position, falls back on the conveying track (1) having been turned.

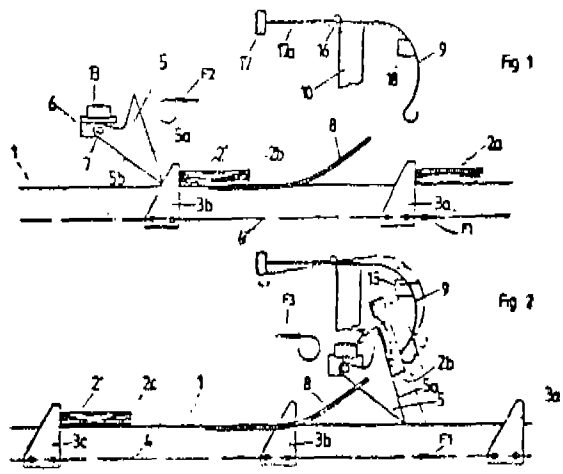


Fig 1

Fig 2

Compln. : 13 Pages. Drgns : 06 sheets.

Cl. 56 A 177003.

Int. Cl. : F 28 B 1/02.

"VENT STEAM CONDENSER ARRANGEMENT."

Applicant : SIEMENS AKTIENGESELLSCHAFT, of Wittelsbacherplatz 2, D-8000. Munchen 2, West Germany, a West German Company.

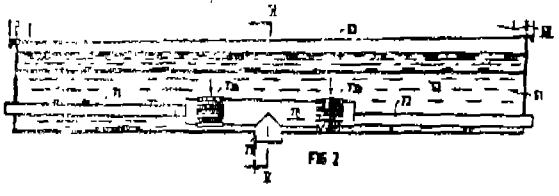
Inventor : GROSS, RUDOLF.

Application No. 415/Cal/1991, filed on 03-06-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

08 Claims

Vent steam condenser arrangement for condensing the leakage steam from shaft seals (2) of a steam turbine installation (1) having heat exchanger surfaces (77) cooled by the condensate of the condenser (60) of the steam turbine installation (1), characterised in that the vent steam condenser (70) is integrated into the condensate suction line (5; 75) of the condenser (60).



Compln : 09 pages Drgns. 03 sheets

Cl. 6 A 3 177004

Int. Cl.[1] : F 04 B 19/22.

"A HERMETIC REFRIGERATION COMPRESSOR".

Applicant : WHITE CONSOLIDATED INDUSTRIES, INC., a Corporation of the State of Delware, of 11770 Berea Road, Cleveland, Ohio 44111, United States of America.

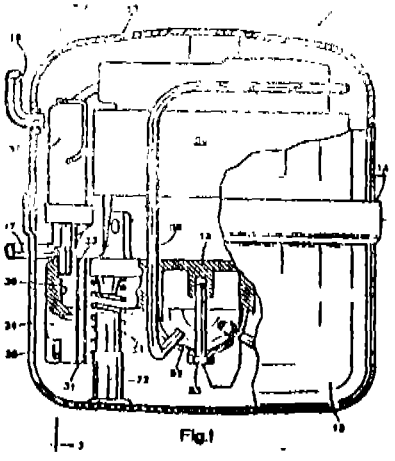
Inventor : DELMAR RAY RIFFE.

Application No. 341/Cal/92 Filed on 20-05-1992.,

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

08 Claims

A hermetic refrigeration compressor comprising a case, a motor compressor mounted inside said case, a discharge line for discharging the output of said compressor from said case, said motor compressor including a cylinder block having a single cylinder and a piston reciprocably mounted therein, a cylinder head secured to said cylinder block and having a discharge plenum for receiving gas compressed by said piston, first and second muffler chambers on said cylinder block, a first passage connecting said discharge plenum to said first muffler chamber, a second passage connecting said discharge plenum to said second muffler chamber, a third passage connecting said first muffler chamber to said second muffler chamber, and a fourth passage connecting one of said muffler chambers to said discharge line.



Compln. : 13 Pages. Drgns. 05 Sheets

Cl. : 55D[2] + 55F 177005

Int. Cl. : A 01 N 63/00, C 12 Q 1/00.

"A PROCESS FOR THE PREPARATION OF A LIQUID CARRIER MEDIUM USED FOR GROWING TRICHODERMA SPECIES".

Applicant : TEA RESEARCH ASSOCIATION OF 113 PARK STREET, Calcutta-700016, West Bengal, India A co-operative Research Association Registered under the West Bengal Societies Registration Act, 1961.

Inventors : (1) BIJOY CHANDRA BARBORA (2) KAMOL CHANDRA BARUA, (3) BICHITRA KUMAR BARTHAKUR, (4) PRASANTA DUTTA, (5) ROFIKA BEGUM, (6) SUBHASH CHANDRA DAS.

Application No. 343/Cal/1992. Filed on 21-05-1992.

Complete Specification left on 19-08-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

06 Claims.

A process for the preparation of a liquid carrier medium used for growing Trichoderma species comprising :

(i) mixing potato extract 20-25% and common sugar 2-4% by weight ;

(ii) sterilising the above liquid carrier media in an autoclave at 15-20lb vpsi for 15-20 minutes;

(iii) allowing the sterilised carrier media to stay for a sufficient period to avoid natural microbial contamination; the thus sterilised liquid carrier media obtained above being suitable for innoculation for spornulation of Trichoderma species.

Prov 13 Pages Drgns : Nil.

Comp. : 6 Pages Drgs. : Nil

Cl. : 144 E[2] 177006

Int. Cl. : C 09 C 1/04, 3/00.

"PROCESS FOR PRODUCING ULTRAVIOLET LIGHT ABSORBING CHEMICALLY INERT PIGMENTARY COMPOSITIONS OF MATTER".

Applicant : KERR-MCGEE CHEMICAL CORPORATION, a Delaware Corporation, Kerr-McGee Center, Oklahoma City, Oklahoma 73125, United States of America.

Inventors : (1) THOMAS IAN BROWNBRIDGE, (2) JOHN ROBERT BRAND, (3) JAMES WILLIAM KAUFFMAN.

Application No. 629/Cal/94; filed on 5-8-1994.

Divided out of Application No. 868/Cal/89. Ante Dated : 19-10-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

22 Claims.

A process for producting ultraviolet light absorbing chemically inert pigmentary compositjons of matter comprised of particles having cores of pigmentary zinc oxide said cores of having deposited thereon separate and distinct coatings of two different hydrous metalorides said process comprising :

forming an aqueous slurry of chemically reactive pigmentary zinc oxide core particles;

heating said slurry to an elevated temperature of from 60°C to 90°C ;

adding to said heated slurry a first hydrous metal oxide precusor compound such as herein described, while maintaining the pH of said heated slurry at a valve of at least 9.0 to effect a deposition of first coating of said first hydrous amorphous metal oxide, such as herein described, upon said pigmentary zinc oxide core particles;

adjusting the pH of said heated slurry of said first hydrous metal oxide coated pigmentary zinc oxide core particles to a value of 6.5 or lower ;

adding to said heated slurry of said first hydrous metal oxide coated pigmentary zinc oxide particles while maintainthe PH of said heated slurry at 6.5 or lower, a second hydrous metal oxide precursor compound, such as herein described, to effect a depostion upon said first hydrous metal oxide coated pigmentary zinc oxide core particles of said second coating of a second hydrous metal oxide and thereby produce a slurry contaning a chemically inert pigmentary zinc oxide composition;

curing said chemically inert pigmentary zinc oxide composition ; and by methods known per se at an elevated temperature of 60°C to 95°C ; and

from further adding to said heated slurry containing said cured, chemically inert pigmentary zinc oxide composition a water soluble alkali metal salt of a saturated or unsaturated monocarboxylic acid such as herein described and a water soluble metallic salt such as herein described to effect the formation and precipitation, in situ, of a water insoluble metallic soap of said saturated or unsaturated monocarboxylic acid and an encapsulation of said cured, chemically inert pigmentary zinc oxide composition by said precipitated metallic soap and thereby produce a slurry containing a cured, chemically inert pigmentary zinc oxide composition comprised of particles having cores of pigmentary zinc oxide said cores having deposited thereon a first coating of a first hydrous metal oxide, a second coating of a different second hydrous metal oxide and an encapsulating coating of precipitated metallic soap of a saturated or unsturated monocarboxylic acid

Compln. 35 pages; Drgns. Nil.

Cl. 144 G_4 177007

Int. Cl.[4] : C 09 C 1/04, 3/00

PROCESS FOR PRODUCING ULTRAVIOLET LIGHT ABSORBING CHEMICALLY INERT PIGMENTARY COMPOSITIONS OF MATTER.

Applicant : KERR-MCGEE CHEMICAL CORPORATION, A DELAWARE CORPORATION, KERR-MCGEE CENTER, OKLAHOMA CITY, OKLAHOMA 73125, UNITED STATES OF AMERICA.

Inventors : JOHN ROBERT BRAND, THOMAS IAN BROWNBRIDGE, JAMES WILLIAM KAUFFMAN.

Application No. 630/Cal/1994, Filed on 5-8-1994. Divided out of Application No. 868/Cal/89. Ante Dated 19-10 89.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

14 Claims

A process for producing ultraviolet light absorbing chemically inert pigmentary compositions of matter comprised of particles having cores of pigmentary zinc oxide, said cores having deposited thereon a coating of a single hydrous metal oxide and an encapsulating coating of a water insoluble metallic soap of a monocarboxylic acid, said process comprising :

forming an aqueous slurry of chemically reactive pigmentary zinc oxide core particles and heating said slurry to an elevated temperature of from 60°C to 95°C ;

adding to said heated slurry a hydrous metal oxide precursor compound such as herein described while maintaining the pH of said heated slurry at about 9.0 to effect formation and deposition of said hydrous metal oxide as a coating upon said pigmentary zinc oxide core particles;

adding to said heated slurry of hydrous metal oxide coated pigmentary zinc oxide core particles a water soluble alkali metal salt of a saturated or unsaturated monocarboxylic acid such as herein described and a water soluble metallic salt such as herein described to effect the formation and precipitation of said water insoluble metallic soap of said saturated or unsaturated monocarboxylic acid and an encapsulation of said hydrous metal oxide coated pigmentary zinc oxide core particles in said precipitated metallic soap to thereby produce a slurry containing a chemically inert composition of matter comprised of particles having cores of pigmentary zinc oxide, said cores having deposited thereon a coating of a hydrous metal oxide and an encapsulating coating of said metallic soap of said saturated or unsaturated monocarboxylic acid; and

recovering by methods known per se said chemically inert composition of matter substantially as produced.

Compl. Specn. 31 pages. Drgns. Nil Sheet

Cl. 144 E_8 177008

Int. Cl. C 09 C 1/04, 3/00

PROCESS FOR PRODUCING ULTRAVIOLET LIGHT ABSORBING CHEMICALLY INERT PIGMENTARY COMPOSITIONS OF MATTER.

Applicant : KERR-MCGEE CHEMICAL CORPORATION, A DELAWARE CORPORATION, KERR-MCGEE CENTRE, OKALAHOMA CITY, OKLAHOMA 73125, UNITED STATES OF AMERICA.

Inventors : (1) JOHN ROBERT BRAND, (2) THOMAS IAN BROWNBRIDGE, (3) JAMES WILLIAM KAUFFMAN.

Application No. 631/Cal/1944, Filed on 5-8-1994. Divided out of application No. 868/Cal/89. Ante dated 19-10-89.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

12 Claims

A process for producing ultraviolet light absorbing chemically inert pigmentary compositions of matter comprised of particles having cores of pigmentary zinc oxides, said cores having deposited thereon an encapsulating coating of a water insoluble metallic soap of a saturated or unsaturated monocarboxylic acid, said process comprising :

forming an aqueous slurry of chemically reactive pigmentary zinc oxide core particles and heating said slurry to an elevated temperature of from 60°C to 95°C.

adding to said heated slurry a water soluble alkali metal salt of a saturated or unsaturated monocarboxylic acid such as herein described and a water soluble metallic salt such as herein described to effect formation and precipitation of said

water insoluble metallic soap of said saturated or unsaturated monocarboxylic acid and a deposition of said water insoluble metallic salt upon said pigmentary zinc oxide core particles to thereby produce a slurry containing a chemically inert composition of matter comprised of particles having cores of pigmentary zinc oxide, said cores having deposited thereon an encapsulating coating of said metallic salt of said saturated and unsaturated monocarboxylic acid; and

recovering by methods known per se said chemically inert composition of matter substantially as produced.

Compln. Specn. 27 Pages; Drgns : Nil.

Cl. : 129 P ; 175 H. 177009

Int. Cl[4] B 23 P 15/10.

"A SPINDLE PISTON TURNING AND GROOVING MACHINE."

Applicant : THE CROSS COMPANY, a Michigan Corporation, of 17801 Fourteen Mile Road, Fraser, Michigan 48026, United States of America.

Inventors : (1) AURELIO MARIO CUDINI (2) HORST ROMAN (3) KENNETH ALLEN DREW.

Application No. 420/Cal/92; Filed on 15-06-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

A spindle piston turning and grooving machine (10) for simultaneous turning of a non round, complex profiles of the diameter of two piston sand also grooving of the diameters of said pistons, comprising :

a pair of spaced apart linear motor turning modules (14, 16) each carrying a turning tool electrically controlled to move in and out along an axis, each turning module arranged with its axis horizontal and facing the other turning module;

a machine frame having a front and back;

a pair of main slides (18, 20) each mounting a turning modules (14, 16), each main slide mounted at the front of said machine frame to be vertically movable on said machine frame;

means (72, 74, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96) for raising and lowering each of said main slides (18, 20) to and between lowered and raised positions ;

a pair of vertical axis spindles (30, 32) mounted on said machine frame between said turning modules, each vertical axle spindle extending alongside a respective turning module (14, 16) and located inside and between said pair of turning modules (14, 16) ;

means (50, 52, 54, 56, 58, 60, 62, 64, 66) for rotating each spindle (30, 32) about its vertical axis ;

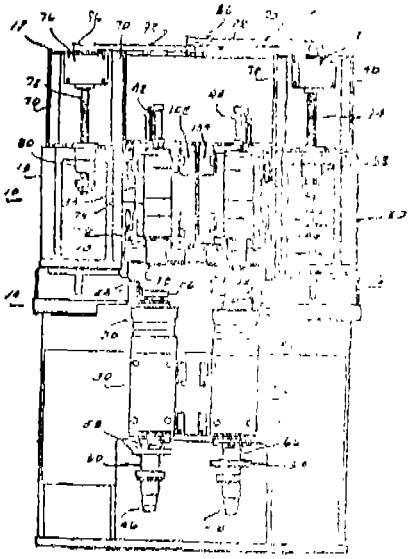
a piston clamping chuck (26, 28) mounted in each spindle (30, 32) adapted to receive and hold a respective piston (W) to be rotated by a respective spindle (30, 32);

each turning module in the lowered position of an associated main slide aligned with a piston in a respective adjacent chuck and in a raised position of said associated main slide clearing the area to the outside of the associated chuck;

a pair of vertical axis tailstock assemblies (34, 36) each aligned with and vertically spaced from a respective spindle (30, 52) each tailstock assembly (34, 36) having a tailstock portion (38, 40) and means (42, 44) for moving each tailstock portion (38, 40) axially to engage and disengage said tailstock portion (38, 4) with a piston (W) in a respective chuck (26, 28) ;

a pair of grooving mechanisms (106, 108) each mounted, on said machine frame behind a respective tailstock assembly (34, 36) and spindle (30, 32) each grooving mechanism (106, 108) including a vertically extending support shaft (110, 112) rotatable about the longitudinal axis thereof, and means (118, 120, 122, 124) for rocking each of said support shaft (110, 112) about said vertical longitudinal axis in either direction.

grooving tooling (114, 116) mounted to each support shaft (110, 112) brought into engagement by said rocking of said support shaft (110, 112) in either direction.



Compln. : 11 Pages. Drgns : 07 Sheets.

Cl. 55 E1, 55E4 177010

Int. Cl.[4] A 61 K 35/10

PROCESS FOR THE MANUFACTURE OF A PREPARATION HAVING IMMUNOMODULATING ACTIVITY AND STIMULATING CYTOKINE FORMATION BY EXTRACTING PLANTS AND PLANT RESIDUES.

Applicant : TORF ESTABLISHMENT, OF STADTLE 36, FL-9490, VADUZ, LIECHTENSTEIN.

Inventors-: (1) JAN ZBIGNIEW MIODUSZEWSKI
(2) KRLSTYNA WITKIEWICZ
(3) MAGDALENA KOWALSKA
(4) JOANNA GORAL
(5) MAGDALENA KLIMECKA.

Application No. : 711/Cal/1993; Filed on 22-11-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

A process for the manufacture of a composition having immunomodulating activity and stimulating cytokine formation and being suitable for therapeutic and preventive use in humans and animals, the composition being based on an aqueous extract obtained in a known manner-preferably by a combination of acidic, alkaline and/or neutral extraction as herein before described from raw plat plants/and plant residues, wherein said aqueous extract is further subjected to

(a) an acidification step with hydrochloric acid to pH 1, 5-3, 0 thereby causing precipitation of humic substances;

(b) separating the said humic substances from the extract to remove them;

(c) thereafter subjecting the said extract to evaporation and/or reverse osmosis to obtain a concentrated extract;

(d) the concentrated extract so obtained is subjected to a heat treatment to yield Amadori rearrangement compounds, such as herein described;

(e) the said reaction is terminated by the step of cooling;

(f) the final product obtained from step (e) is purified by passing the mixture obtained by step (e) through a chromatographic column and eluating the column thereafter, to eliminate hydro phobic substances that would inhibit the biological activity of the composition; and

(g) collecting and combining desired eluate fractions to yield said composition.

Compln. 19 Pages. Drgns. Nil

Cl. : 79 177011

Int. Cl.[4] : B 44 C 1/14

"FOIL AND METHOD OF MAKING THE SAME."

Applicant : HEIMUTH SCHMOOCK, OF BUCHENER WEG-121, 2058 LAUENBURG/ELBE, GERMANY, A GERMAN NATIONAL.

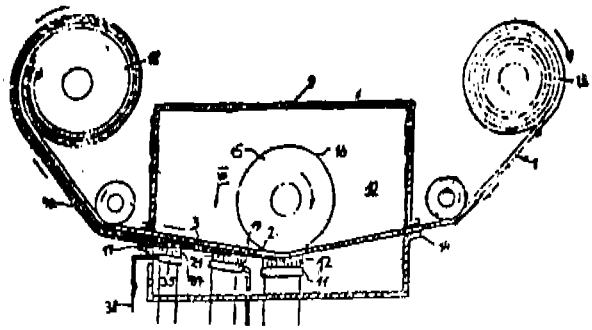
Inventors-: HEIMUTH SCHMOOCK.

Application No. 722/Cal/1991 filed on 24th September, 1991.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

53 Claims

A foil comprising a substract such as herein described having a first side and a second side, a metallic film such as herein described adhering to at least one of said sides and having a surface facing away from said one side; and a protective layer such as herein decribed overlying and adhering to the entire surface of said film.



Compln. : 47 Drgns. 3

Cl. : 85—K & J. 177012.

Int. Cl. : F 27 B 15/00, 15/14, 15/18.

AN ADVANCED OVERFIRE AIR SYSTEM FOR NO CONTROL.

Applicant : COMBUSTION ENGINEERING, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELEWARE, UNITED STATES OF AMERICA, OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT 06095, UNITED STATES OF AMERICA.

Inventor : JOHN LEONARD MARION, OF 15 HARTLAND ROAD SIMSBURY, CONNECTICUT 06081, UNITED STATES OF AMERICA, A U.S. CITIZEN.

Application No. 724/Cal/1991 filed on 25th September, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

3 Claims

A tangentially fired fossil fuel furname 10 having a plurality of walls embodying therewithin a burner region 16, a windbox 22 embodying a plurality of elevations and mounted in supported relation within the burner region 16 of the tangentially fired fossil fuel furnace 10, a first fossil fuel nozzle 68 supported in the windbox 22 at a first elevation thereof and operative for introducing fossil fuel in a first direction into the burner region 16 of the tagentially fired fossil fuel furnace 10 through the windbox 22 at the first elevation thereof a combustion supporting secondary air nozzle 74 supported in the windbox 22 at a second elevation thereof and operative for introducing combustion supporting secondary air in the first direction into the burner region 16 of the tangentially fired fossil fuel furance 10 through the windbox 22 at the second elevation thereof, a second fossil fuel nozzle 80 supported in the windbox 22 at a third elevation thereof and operative for introducing fossil fuel in the first direction into the burner region 16 of the tangentially fired fossil fuel furnace 10 through the windbox 22 at the third elevation thereof, and an advanced overfire air system 14 for accomplishing NOx control in the tangentially fired fossil fuel furnace 10, said advanced overfire air system 14 being characterized in that :

(a) a first overfire air nozzle 88,90 is supported in the windbox 22 at a fourth elevation thereof and is operative for introducing overfire air in the first direction into the burner region 16 of the tangentially fired fossil fuel furnace 10 through the windbox 22 at the fourth elevation therof;

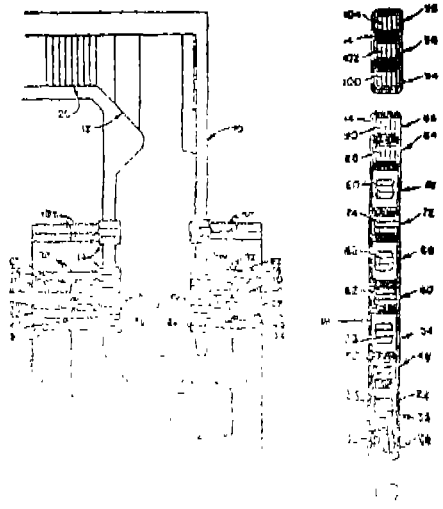
(b) a plurality of overfire air compartments 94,96 are mounted in supported relation in the burner region 16 of the tangentially fired fossil fuel furnace 10 above and in spaced relation to the windbox 22 ;

(c) a second overfire air nozzle 100 is supported in one 94 of the plurality of overfire air compartments 94,96 and is operative for introducing overfire air in a second direction counter rotational to the first direction into the burner region 16 of the tangentially fired fossil fuel furnace 10 through the one 94 of the plurality of overfire air compartments 94, 96 ;

(d) a third overfire air nozzle 102 is supported in another one 96 of the plurality of overfire air in a direction other than the second direction into the burner region 16 of the tangentially fired fossil fuel furnace 10 through the another one 96 of the plurality of overfire air compartments 94,96 ; and

(e) air supply means 28 is connected to the first overfire air nozzle 88,90 the second overfire air nozzle 100 and the third overfire air nozzle 102. the air supply means 28 is operative to supply to the first overfire air nozzle 88,90 for introduction through the windbox 22 at the fourth elevation threof approximately one-third of the total amount of overfire air that is introduced into the burner region 16 of the tangentially fired fossil fuel furnace 10 and is operative to supply to the second overfire air nozzle 100 and the third overfire air nozzle 102 for introduction through the plurality of overfire air compartments 94,96 the remaining approximately two-thirds of the total amount of overfire air that is introduced into the

burner region 16 of the tangentially fired fossil fuel furnace 10.



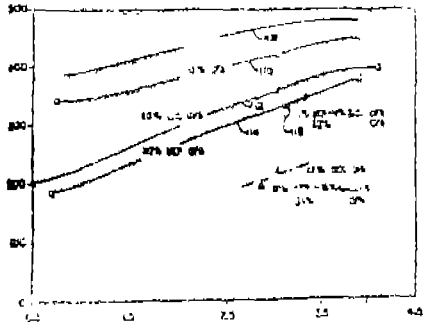
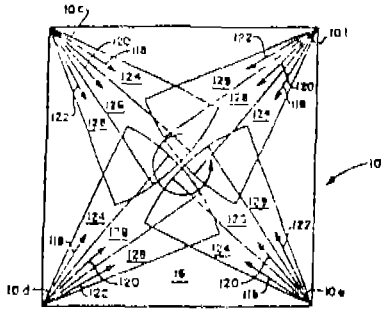


Fig. 3



(Compl : 39 Drgns : 2)

Cl. : 127 I 177013

Int. Cl.[4] : B 06 B 1/04

ELECTROMAGNETIC VIBRATION REGULATOR.

Applicant : LICENTIA PATENT-VERWALTUNGS-GMBH, OF THEODOR-STERN-KAI 1, D-6000, FRANKFURT AM MAIN 70, GERMANY, A GERMAN COMPANY.

Inventors : (1) GERD FECHNER, (2) BERNHARD SCHREINER and (3) WOLFGANG STEUER.

2—297GI/96

Application No. 771/Cal/1991 filed on 11th October, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

7 Claims

An electromagnetic vibration regulator with an electromagnet made of a U-shaped magnet core (3) with a field coil, (4) which is mouled in a chamber (6) with cast resin, (5) and a rotor (2) situated opposite the pole faces (7) of the magnet core (3) at a distance as air gap (D), whereby the rotor oscillates in the gap (D) with an amplitude relative to the pole faces, wherein the construction parts (3, 5, 6) of the vibration regulator being effective on the air gap (D) by expansion due to heat is the result of the change in temperature, said constructive parts being fixed in the chamber (6), fixed at consoles (8) which are situated at the neutral positions of expansion of the chamber (6).

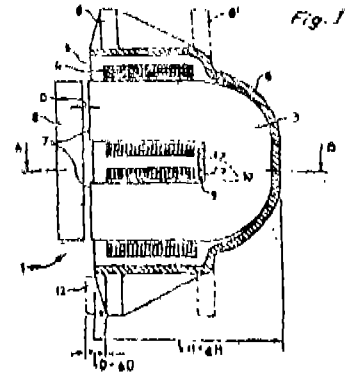


Fig. 1

(Compl. 8 pages ; Drgns.1)

Cl. : 147 E. 177014

Int. Cl.[4] : G 11 B—27/10

DEVICE FOR THE SHORTENING OF THE ACCESS TIME.

Applicant : DEUTSCHE THOMSON-BRANDT GMBH, OF D-7730 VILLNGELSCHAWENNINGEN, GERMANY, A GERMAN COMPANY.

Inventor : DIETER BAAS.

Application No. 53/Cal/1992 filed on 28th January, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

5 Claims

Device for shortening the access time to read data from a desired track in a reproducing set which reads data without contact at constant linear tracking velocity by means of scanning device from a rotating disk, which is driven by an electromotor and whose number of revolutions is controlled, characterized in that a scanning device is provided which scans before start of the data reproduction a selected data track, that an electromotor is provided which is controlled by pulse-width modulated signal, whose pulse-width ratio is varied that long until the disk has reached the number of revolutions assigned to the selected data track, that a memory is provided in which the pulsewidth ratio calculated for the selected data track is stoped, that a microprocessor is provided for opening the control circuit at track jumping from one data track to an aimed-at-track for controlling the number of revolutions, that by the microprocessor from the memorized pulse-width-ratio the pulse-width-ratio assigned to an aimed-at-track is calculated, that the electromotor is connected with a pulse-width-modulator and is controlled by a signal having the calculated pulse-width-ratio and that said microprocessor closes the control circuit again when reaching the aimed-at-track.

(Compl. Specn. 7 pages; Drgns. Nil)

Cl. : 68—E—1 177015

Int. Cl.[4] : B 60 L 9/18

A CONTROLLER FOR CONTROLLING AN ELECTRIC CAR HAVING PLURALITY OF DRIVING CONTROL UNITS EACH INCLUDING ONE INDUCTION MOTOR.

Applicant : HITACHI LTD., A CORPORATION ORGANIZED UNDER THE LAW OF JAPAN, OF 6, KANDA SURUGADAI 4- CHOME, CHIYODA-KU, TOKYO JAPAN.

Inventor : SHIGETOSHI OKAMATSU.

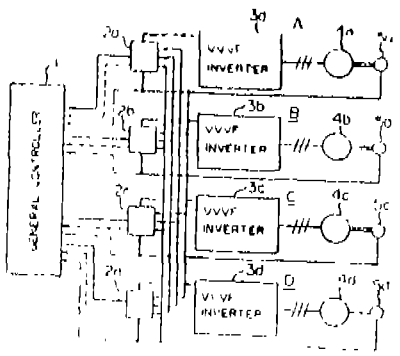
Applicant No. 73/Cal/1992 filed on 3rd February, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

4 Claims

An electric car controller used in an electric car having a plurality of driving control units each including one induction motor for powering said electric car and one variable voltage variable frequency inverter in pairs to thereby generally control the respective variable voltage variable frequency inverters of said driving control units, said electronic car controller comprising a torque reduction control means (1, 2a-2d) for reducing the instructed torque value of an induction motor provided from a general controller (1) of a preselected driving control unit of said driving control units by a predetermined value, wherein said reduction instructed torque value once effected controls the output frequencies of the variable voltage variable frequency inverters of the other driving control units on the basis of the rotating speed frequency obtained by said preselected driving control unit and a detection means (1, 5a-5d) is provided for detecting the occurrence of slip or slide in a driving wheel, wherein said torque reduction control means fulfills its torque reduction control function when occurrence of slip of slide is detected by said detection means.

FIG. 1



(Compl. Specn. 16 pages ; Drgns. 1 Sheet)

Cl. : 69 B 177016

Int. Cl[4] : H 02 H 09/02.

"A DEVICE FOR PROTECTING SWITCHING ELEMENTS".

Applicant : SIEMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY, A WEST GERMAN COMPANY.

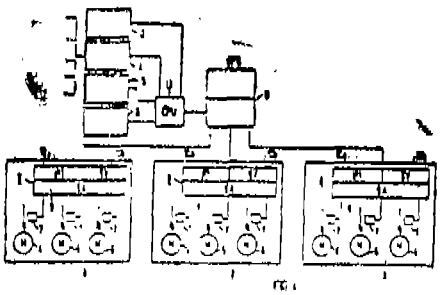
Inventors : (1) DR. DIETER FREITAG (2) DR. HANS JOACHIM JAHNE.

Application No. 74/Cal/1992 filed on 9th February, 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

7 Claims

A device for protecting switching elements (18, 19) which are connected in series before individual drive components (4, 5 and 6) and drive blocks/ units (1, 2, 3) comprising individual drive components (4, 5, 6) so that either individual drive components (4, 5, 6) or drive blocks/units (1, 2, 3) can be switched off or on, being effected by means of threshold value sensors (7) and an evaluation device (8, 9, 10a, 10b) independence on power supply state data, characterized in that, the drive components (4, 5, 6) are coupled as required by process conditions and that there is a process optimization device (11) which is actively connected to said evaluation device (8, 9, 10a, 10b) that which of the drive components (4, 5, 6) are switched off and in which order, through tripping of the switching elements (18, 19) or whether the process continues to be operated with drive components (4, 5, 6) operating with calculated over load.



(Compl. Specn. 12 pages ;; Drgns. 5 sheets)

Cl : 80-I 177017

Int. Cl.[4] : B 01 D 33/08.

"A STRAINER SUCH AS A BOW-SHAPED OR FLAT SHAPED STRAINER OR A STRAINER BASKET".

Applicant : J. M. VOITH GMBH, OF ST. POLTENER STR. 43, D-7920 HEIDENHEIM, GERMANY, A GERMAN COMPANY.

Inventors : WERNER LANGE.

Application No. 126/Cal/1992 filed on 24th February, 1992.

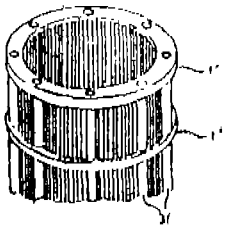
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

7 Claims

A strainer such as a bow-shaped or flat-shaped strainer or a strainer basket having strainer rods (3;3'; 22, 26) arranged in parallel to each other, which are retained in cutouts of carrying rings or carving rods (1;1') parallel to each other and extending transversely to the strainer the strainer rods having side faces (7, 8; 7' 8') relative to the vertical direction (V) of the straining face, of which at least one is inclined towards the vertical direction (V) at an angle resulting in a conicality between the two sides faces of between 14° and 35°, which, at least to a large extent, match with corresponding side faces (5,6;5,6,";5",6") of cutouts (2) in carrying rings or carrying rods (1^1 ; 1^1), so that the straining slot width on the inlet side of the straining face is obtained at the minimum mutual distance between the side faces (7, 8 ; 7^1, 8^1) of the strainer rods(3; 3^1, 22, 26) charaterized in that

Projections or cutouts of the strainer rods (3, 3^1, 22; 26) match recesses or projections of the cutouts of the carrying rings or carrying rods (1; 1') and together form a snap-in connection when the strainer bars are inserted into the car-

rying rods transversely to the longitudinal direction of the carrying rings or carrying rods.



(Compln. Specn. 12 pages; Drgns. 3 Sheets)

Cl. : 129 J 177018

Int. Cl.[4] : B 21 B 37/12
G 05 B 13/04

"CONTROL SYSTEM FOR A ROLLING PROCESS".

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY, WEST GERMAN COMPANY.

Inventor : GUENTER SOERGEL.

Application No. 148/Cal/92 filed on 5th March 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

3 Claims

Control system for a rolling process having controllers which act on drives of roll stands of a rolling train, having measuring devices on the rolling train for the acquisition of measured values of process variables and having an arithmetic unit in which target values for the controllers are determined with the aid of model equations with an adaptation of model equation parameters being effected as a function of the measured values of the process variables, characterised in that the arithmetic unit is provided with a detector means to determine deviations between the measured values and the values from the previous rolling process and a calculation means for calculating therefrom setting values which complement the target values with the aid of said model equations such as herein described.

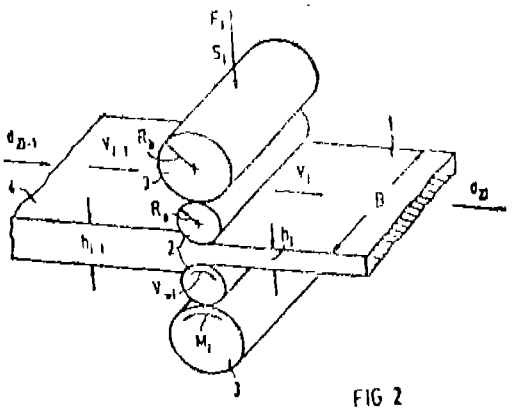


FIG 2

Compl. Specn. : 9 Pages Drgs. : 2 Sheets.

Cl. : 70 B) 177019

Int. Cl.[4] : C 25 B 1/34

"ELECTROLYSIS APPARATUS".

Applicant : HOECHST AKTIENGESELLSCHAFT, D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBILC OF GERMANY, CHEMICAL MANUFACTURERS.

Inventors : (1) MANFRED HARTMAN (2) DETER BERGNER, (3) KURT HANNESEN.

Application No. : 432/Cal/92 filed on 18th June 1992.

Appropriate Office for Opposition Proceedings (Rle 4, Patent Rules, 1972), Patent Office, Calcutta.

8 Claims

An electrolysis apparatus for the production of chlorine, sodium hydroxide solution and hydrogen from aqueous alkali-metal halide solutions, such as herein described which electrolysis apparatus comprises at least one electrolysis cell whose anode and cathode, which are separated from one another by a partition, are disposed in a housing composed of two half-shells separated by an insulating seal and in which electrolysis apparatus the housing is provided with devices for supplying the electrolysis starting substances and for removing the electrolysis products, the latter comprising at least one discharge of the half shells, passes through the half-in the interior of the half shells, passes through the half-shell in the vicinity of the lower edge and extends to the upper edge, wherein the discharge pipe (9, 10) terminates in a separating chamber (14, 15) which is disposed in a stilling zone formed formed by a plate (11, 12) attached to the electrode (4, 5) and to the associated half-shell (1, 2).

Compl. Specn. : 7 Pages Drgs. 2 Sheets

Cl : 44 177020

Int. Cl.[4] : G 04 B 1/02, 17/20

SUSPENSION DEVICE FOR FOUCEULTS PENDULUM.

Applicant : NATIONAL COUNCIL OF SCIENCE MUSEUMS, SECTOR V, BLOCK-GN, BIDHAN NAGAR, CALCUTTA-700 091.

Inventors : INGIT KUMAR MUKHERJEE AND S. K. EMDADUL ISLAM.

Application No. 406/Cal/1993 filed on 16th July, 1993.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

6 Claims

A suspension device for Foucault's Pendulum for demonstration wherein the pendulum bob is suspended with a stainless steel wire, using a radially symmetric wire grip with the help of a wire drawing die housed in a brass housing and fitted to the assembly system, and introducing a carefully centered Charron Ring just beneath for arresting intrinsic ellipticity of swing due to residual assymetries in the 'grip' and also in the structure of the wire characterised in that the wire drawing die is a tungsten-carbide die having an in-built flare at its end so as to provide a sufficiently large radius of wrap for the flexing wire that bend smoothly on it.

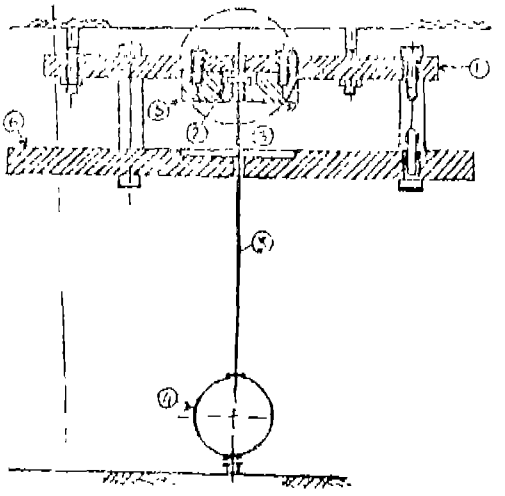


FIG. 1.

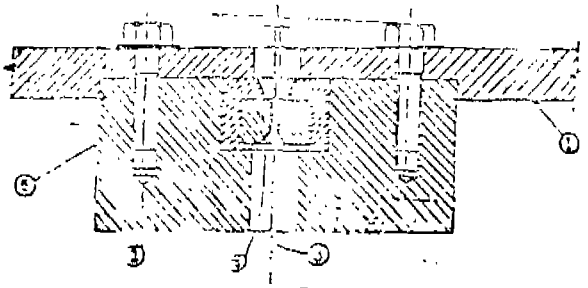


FIG - 2.

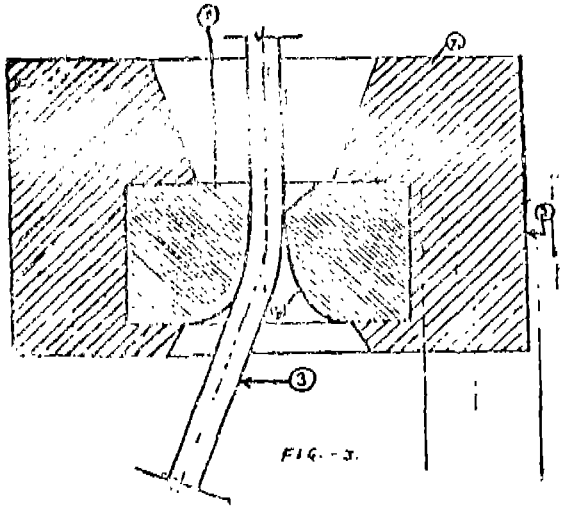


FIG. - 3.

Compl. 9 pages Drgns. 4 sheets

Cl. 113 C-1-121 177021

Int. Cl.[5] F 21 K 2/06

"CHEMILUMINESCENT LIGHTING DEVICE".

Applicant : AMERICAN CYANAMID COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF MAINE, UNITED STATES OF AMERICA, AND HAVING ITS EXECUTIVE OFFICES AT ONE CYANAMID PLAZA, WAYNE, STATE OF NEW JERSEY 07470, UNITED STATES OF AMERICA.

Inventor : JACQUES LADYJENSKY

Application No. 434/Cal/90; Filed on 25-05-1990

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

11 Claims

A chemiluminescent lighting device comprising a tube made of a flexible, light-transmitting and chemically stable material, which is closed at both of its ends, and which comprises at least two compartments which are filled with known liquids which produce chemiluminescent light when mixed, characterized by the fact that it contains, between said ends, at least one internal diaphragm or disk which separates the tube into said compartments, said diaphragm or disk (1) having substantially a circular shape with a cross-section which is substantially rectangular in profile, (2) being positioned transversely with respect to the axis of the tube, and (3) its edge being in continuous contact with the interior of the tube wall, the elasticity, the external and internal diameters of the tube, and the diameter and thickness of the diaphragm or disk being selected in such a manner that the diaphragm or disk can be tilted by simple pressure, manual measure or any equivalent means against the external walls of the tube, which pressure imparts a tilting torque on said diaphragm or disk.

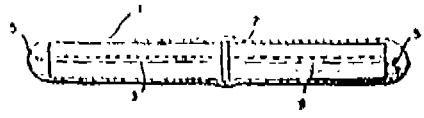


FIG. 1

Compl. 13 pages Drgs. 02 sheets.

Cl. 172 E; 172 F. 177022

Int. Cl.[4] B 65 H 54/00, 67/00, 67/02

CUTTING APPARATUS FOR ARAMID FIBRE.

Applicant : E.I. DU PONT NEMOURS AND COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, LOCATED AT WILMINGTO..N, DELAWARE, UNITED STATES OF AMERICA.

Inventor : TADEUSZ EUGENIUSZ SCHNITZER.

Application No 1052/Cal/90; Filed on 24-12-1990

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

16 Claims

A yarn cutter for aramid fibres comprising :

(a) cutter body containing a bore therethrough with a slot extending transversely from a side of the cutter body through the bore to a slot bottom, the slot adapted to receive a yarn;

(b) an actuator means pivotably attached to the cutter body and comprising :

(i) a yarn contact surface on the acuator means adjacent the bottom of the slot, wherin a force exterted on the yarn contact surface by contacting yarn received in the slot causes the actuator means to pivot, and

(ii) a valve shifting means attached to the actuator;

(c) a valve means attached to the cutter body adjacent a first end of the bore and adapted to be controlled by the valve shifting means, the valve means having a shiftable element adapted to alternately direct a pressurized fluid from a source to the first end of the bore and from the bore to the atmosphere ; and

(d) a cutting means adapted to cut the yarn received in the slot, comprising :

(i) a piston slideably fitted into the bore and adapted to move from a first end of the bore toward the slot as a result of the valve means directing the pressurized fluid to the first end of the bore;

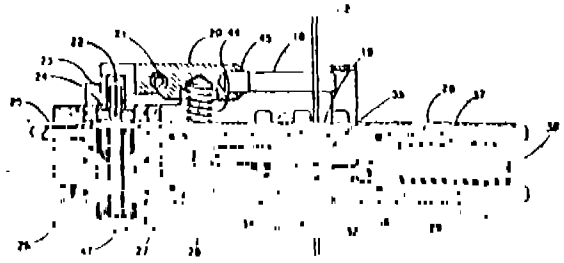
(ii) a stationary cutting element affixed to the cutter body adjacent one side of the bore at a side of the slot opposite the first end of the bore ;

(iii) a moveable cutting element affixed to the piston and adapted to pass by the stationary cutting element as the piston moves towards the slot, and

(iv) a resilient biasing means to urge the stationary cutting element and moveable cutting element one against the other, thereby cutting the yarn received

in the slot as the moevablee cutting element passes by the stationary cutting means.

FIG 2A



Compl. 22 Pages. Drgs. 08 sheets.

Cl. 150 A 177023

Int. Cl.[5] F 16 L 23/02

"AN IMPROVED DETACHABLE JOINT ASSEMBLY FOR JOINING PIPES".

Applicant : KOTAMRAZU KRISHNA MOHAN SHARMA, OF 9/1 R. N. MUKHERJEE ROAD, CALCUTTA-700001, INDIA. AN INDIAN NATIONAL.

Inventor : KOTAMRAZU KRISHNA MOHAN SHARMA.

Application No. 66/Cal/991; Filed on 22-01-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

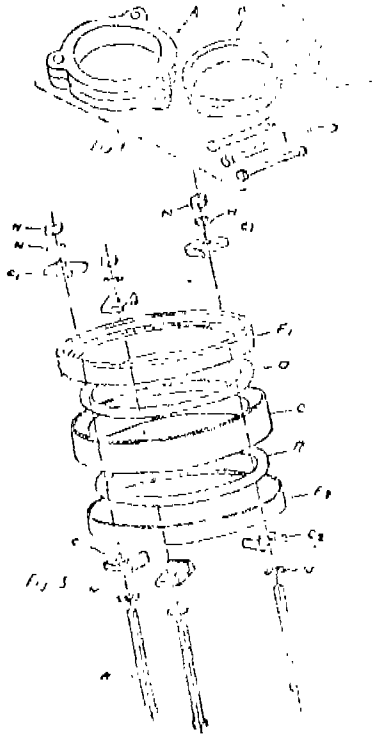
06 Claims

An improved detachable joint assembly for joining pipes such as herein described comprising :

a cylindrical shaped collar member;

cylindrical shaped flanges provided from both the sides of said collar members; circular rubber rings compressed and positioned in between said collar member and said flanges with the ends of the pipe to be joined being housed within said collar member and said flanges; and

clamps for securedly clamping together said collar member, rubber rings and the flnges each said clamp having atleast-one protruding section cooperating with the flange ends away from said collar member and mounted on said flange end with nut and bolt arrangement for secured clamping of the joint assembly.



Compl. 13 pages. Drgs. 03 Sheets.

Cl. 126 B & D. 177024

Int. Cl. : G 01 N 22/04.

" A VARIABLE MODE MICROWAVE WATER CUT MONITOR FOR MONITORING THE PERCENTAGE WATER CONTENT BY VOLUME IN A FLUID SUCH AS A PETROLEUM STREAM IN A PIPE".

Applicant : TEXCO DEVELOPMENT CORPORATION, 2000 WESTCHESTER AVENUE, WHITE PLAINS, NEW YORK 10650, UNITED STATES OF AMERICA, DELAWARE CORPORATION, UNITED STATES OF AMERICA.

Inventors : JOHN DAVID MARRELLI, DAVID JOHN STAVISH.

Application No. 101/Cal/1991 ; filed on 01-02-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

09 Claims

A variable mode microwave water cut monitor for monitoring the water cut of a petroleum stream in a pipe, comprising :

a test cell (8) for containing a fluid sample of the petroleum stream ;

a fluid sampler for controlling the flow of a fluid sample from the pipe to the test cell, the fluid sampler comprising :

a first inlet (57) arranged within the pipe to permit a fluid sample to flow within the first inlet, and

a first valve (64) connecting the first inlet to the test cell and responsive to a first control signal to control the flow of the fluid sample from the pipe to the test cell;

the first valve being a first three way valve (64) having a first entrance port connected to the first inlet, a second enrance port and an exit port connected to the test cell and responsive to the first control signal to pass a fluid present at its first entrance port to he exi port, to pass a fluid present at its second entrance port of the exit part or not to pass any fluid present at any entrance port ;

a second inlet (85) connected to the second entrance port of the first three way valve and to the pipe for receiving a fluid sample from the pipe;

a fluid sample exit means for controlling the flow of the fluid sample from the test cell the fluid sample exit comprising :

a first outlet (71) arranged with the pipe to allow the fluid sample to flow through the first outlet into the pipe, and

a second valve (68) connecting the test cell to the first outlet and responsive to a second control signal to control the flow of the fluid sample from the test cell to the first outlet ;

a control signal generator (40) connected to the fluid sampler and to the fluid sample exit for supplying said first and second control signals thereto to effect selective operation of the monitor in a normal petroleum stream test mode and in at least two calibration modes;

a source (3) of microwave energy;

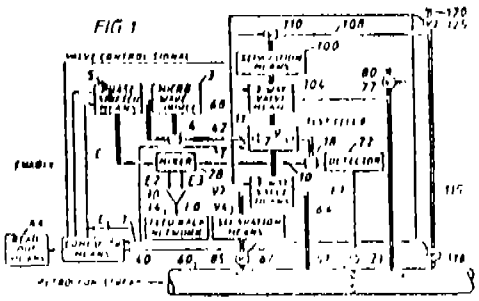
a first antenna (7) connected to the source for transmitting microwave energy into the fluid sample in the test cell;

a second antenna (9) for receiving microwave energy that has passed through the fluid sample in the test cell;

a detector (22) connected to the second antenna for detecting the power of the receiving microwave energy and providing a power signal representative thereof and

an indicator (40, 44) connected to the second antenna to the source and to the detector to provide an indication of the water cut of the sample fluid in accordance with the power

signal and the phase difference between the transmitted microwave energy and the received microwave energy.



Compl. : 15 pages Drgs. 02 Sheet

Cl. 29 A 177025

Int. Cl.[4] : G 05 B 19/417.

"AUTOMATICALLY OPERABLE MANUFACTURING AND MACHINING PLANT."

Inventor : BASIL OBRIST.

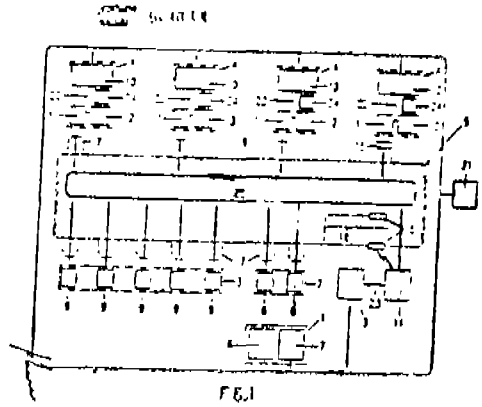
Application No. 906/Cal/1991; Filed on 05-12-1991.

Applicant : EROWA AG, A SWISS COMPANY OF WINKELSTRASSE 8 CH-5734 REINACH SWITZERLAND.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

15 Claims

An automatically operable manufacturing and machining plant comprising a plurality of machining stations with numerically controlled machining tools, each comprising a control unit, a management system for workpieces to be machined and a data handling and exchange system adapted to control the operations of the manufacturing and machining plant, said management system comprising storage means for storing the workpieces to be machined and the finished workpieces transporting means for transporting the owrkpieces to be mechined and the finished workpieces, and handling means for manipulating the workpieces to be machined and the finished workpieces, and said transporting means comprising a transport control station characterized in that said data handling and exchange system comprises two separate data networks, namely a first external data handling and exchange network and a second internal data handling and exchange network, said first external data handling and exchange network interconnecting the control units of the numerically controlled machining tools of each machining station and the transport control station with a central operational data processor and being adapted for the handling and exchange of operation control date between said central operational data processor and said control units of the numerically controlled machining tools, and for handling and exchange of the transport control data between said central operational data processor and said transport control station ; and said second internal data handling and exchange network interconnecting said storage means, said handling means said transporting means and said transport control station and being adapted for the handling and exchange of operation control data between said transport control station said storage means, said transporting means and said handling means, whereby memory means are fixedly assigned to the workpieces to be machined, said memory means containing data for the identification of the workpiece to be machined, destination data for the transport of the workpieces to be machined, and data for fetching machine programs used for the machining of the workpiece to be machined said data contained in said memory means being processed by said second internal data handling and exchange network.



Compln : 31 Pages. Drgns. 02 Sheets.

Cl. 32 F 3 (C). 177026

Int. Cl.[4] : C 07 B 35/02, C 07 C, 29/14

"AN IMPROVED PROCESS FOR THE MANUFACTURE OF SORBITAL BY THE HYDROGENATION OF GLUCOSE".

Applicant : DR. AMALESH SARKAR OF 5/1B, DOVER PLACE TOP FLOOR, CALCUTTA-19 WEST BENGAL INDIA AN INDIAN CITIZEN.

Inventor : DR. AMALESH SARKAR.

Application No. 381/Cal/92; Filed on 01-06-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

08 Claims

A process for the manufacture of sorbitol from glucose by the hydrogenation of glucose in the presence of nickel catalyst at temperatures of around 300°F characterized in that the hydrogenation is carried out in the presence of ethylene glycol act 37-45% at pressures not exceeding 600 psi, preferably in a vibrated condition at a space velocity not exceeding 1.50 cc/hr/cc of catalyst bed.

Compl. 09 Pages. Drgs. Nil Sheet

Cl. 176 F. 177027

Int. Cl. F 22 B 9/04

A CONTINUOUS FLOW STEAM GENERATOR.

Applicant : SIEMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN, 2, WEST GERMANY, A WEST GERMAN COMPANY.

Inventors : (1) WORFGANG KASTENER (2) WOLFGANG KOEHLER. (3) EBERHARD WITTCHOW.

Application No. 147/Cal/92 ; filed on 5-4-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

08 Claims

A continuous flow steam generator, comprising :

a vertical gas flue having a given circumference in a horizontal section and being formed of adjacent tubes having tube centres and being gas-tightly welded to one another, and said gas flue being associated with fossil fuel burners, said given circumference being measured on lines connecting said tube centres of said adjacent tubes;

said tubes of said gas flue being connected in parallel for a coolant flow, being essentially vertically disposel having

an internal tube diameter d, having an inner surface, and having fins on said inner surface forming a multiple thread;

said internal tube diameter d being determined by a quotient K; and

coordinate points located in a coordinate system between a curve A having a steady asceuding slope and a straight line B (*Fig.* 3) said coordinate points being determined by pairs of values of said internal tube diameter d and of said quotient K:

said quotient K being formed of a summated mass throughput of all of said tubes at 100% steam output, divided by said given circumference,

said points corresponding to pairs of values

d_1=12.5 mm at K_1=3kg/sm.

d_2=20.4 mm at K_2=7 kg/sm.

d_3=30.6 mm at K_3=13 kg/sm, and

d_4=39.0 mm at K_4=19 kg/sm.

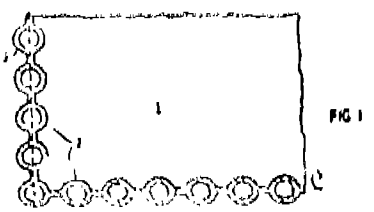
lying on said curve A, and

said points corresponding to pairs of values

d_5=14.3 mm at k_5=1.8 kg/s m and

d_6=38.4 mm at k_6=7.6 kg/s m

lying on said straight line B.



Compl. : 12 Pages. Drgs. : 02 Sheets.

Cl. : 40 A (1), 40 A (2) 177028

Int. Cl.[5] : C 08 F 2/14, 2/34, C 08 G 85/00, B 01 J 19/24

POLYMERISATION REACTOR AND POLYMERISATION PROCESS.

Applicant : DOW CORNING S.A., A BELGIAN COMPANY OF PARC INDUSTRIEL, B-7180 SENEFFE, BELGIUM.

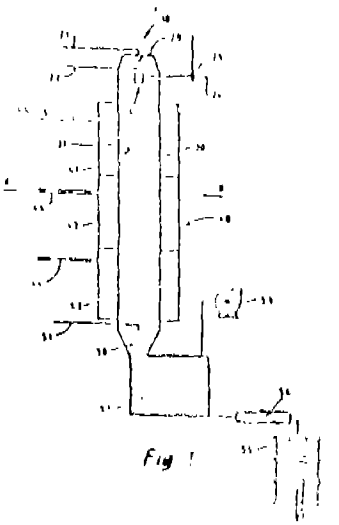
Inventors : JEAN-MARC GILSON, DENIS SBARDELLA.

Application No. 544/Cal/1992 filed on 31-7-1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

18 Claims

A continuous static polymerisation reactor for the production of liquid polymers which comprises an inlet means (20), an elongated hollow reaction chamber (30), a jacket means (40) spaced from and in surrounding relationship to said reaction chamber (30), and an outlet means (50) characterised in that the elongated hollow reaction chamber (30) has a porous wall (31) and that the jacket means is provided with means (44) for introducing a fluid through the porous wall (31) into the elongated hollow reaction chamber (30).



Compl. 28 pages Drgs. 3 sheets

Cl. : 55 F 177029

Int. Cl. : A 61 K 31/20

AN IMPROVED PROCESS FOR PRODUCING ENRICHERD EPA (EICOSAPENTAENOIC ACID).

Applicant : (1) BOSE INSTITUTE OF 93/1, A.P.C. ROAD, CALCUTTA-700009, STATE OF WEST BENGAL, INDIA, AN INDIAN ORGANISATION AND (2) DEPARTMENT OF BIOTECHNOLOGY GOVERNMENT OF INDIA AT BLOCK-2 (7 8TH FLOOR), C.G.O. COMPLEX, LODI ROAD, NEW DELHI-110003.

Inventors : (1) AMITABH GHOSH, (2) SUNITI MISRA.

Application No. 336/Cal/1994 filed on 6-5-1994.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

8 Claims

An improved process for producing enriched EPA (eicosapentaenoic) acid) concentrates suitable for human administration in the treatment of various heart diseases, which process being relatively simple and inexpensive comprises the steps : (i) selecting marine oils (100 parts by weight) of EPA concentration of at least 5% (by weight of the total fatty acid content) ; (ii) refluxing the said oils with sodium hydroxide (30 parts by weight) in methanol (500 parts by volume) for 2 hours at 80—100°C ; (iii) allowing the mixture obtained to cool to room temperature (e.g. 30°C) with addition of 4N sulphuric acid to it till the same is acidic of pH 5-6 ; (iv) cooling the mixture obtained in step (iii) to a temperature of 15°C and retaining it at that temperature for 1 hour ; (v) separating the upper layer of the mixture obained in step (iv) and drying the same over anhydrous sodium sulphate to obtain free fatty acids therefrom ; (vi) treating the free fatty acids obtained in step (v) with dry methanol containing 1% concentrated sulphuric acid, the ratio of the fatty acids to dry methanol being preferably 1 : 4 by volume, (vii) refluxing the mixture obtained in step (vi) under anhydrous conditions for 6 hours at 80—100°C and allowing the mixture to cool to 15°C ; (viii) diluting the cooled mixture obtained in step (vii) with equal volume of distilled water and separating the upper layer of the mixture containing methyl esters of the free fatty acids ; (ix) mixing the methyl esters (100 parts by weight) obtained in step (viii) with methanol (1100—1200 parts by volume) and urea (150 parts by weight), heating the mixture to boiling on a water bath and then allowing the mixture to cool to room temperature (eg. 30°C) ; (x) crystallising/re-crystallising the mixture obtained in step (ix)

with addition of more urea and methanol in a number of vessels in sequence at 15°C in a manner such as herein described followed by filtering the mixture to obtain the final filtrate enriched with EPA to a level of 25 to 30% in a manner such as herein described; (xi) treating the final filtrate obtained in step (x) with 1% hydrochloric acid (of equal volume of the filtrate), separating the top layer of the filtrate containing methyl esters of the free fatty acids and drying the same over anhydrous sodium sulphate; and (xii) subjecting the methyl esters obtained in step (xi) to molecular distillation in a method such as herein described to obtain EPA concentration have 30% in the distillate.

Compl. 11 pages Drgn. Nil

Cl : 55D[8] 177030

Int. Cl.[4] : A 01 N 25/30

A PROCESS FOR PREPARING AN OIL-IN-WATER EMULSION.

Applicant : HOECHST AKTIENGESELLSCHAFT D-65926 FRANKFURT AM MAIN, FEDERAL REPUBLIC OF GERMANY, CHEMICAL MANUFACTURERS, A CORPORATION ORGANIZED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) GERHARD FRISCH (2) ZOLTAN

Application No. *1027/Cal/1994 filed on 9-12-1994.*

Appropriate office for opposition proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

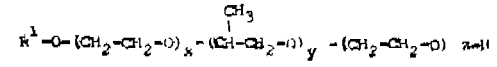
13 Claims

A process for preparing on oil-in-water emulsion which contains one or more active substances and one or more surfactant compounds, and comprises

0.001—70% by weight, preferably 0.5—50% by weight of at least one active substance from the group consisting of phosphates, thiophosphates and/or carbamates,

0.001—30% by weight, preferably 0.1—20% by weight, of one or more surfactant compounds from the group consisting of

(A) nonionic surfactant compounds of the formula I



in which

R^1 is hydrogen,

C_1-C_{24}-alkyl,

C_2-C_{24}-alkenyl

C_2-C_{24}-alkynyl,

C_4-C_{24}-cycloalkyl,

C_6-C_{30}-aryl,

C_6-C_{48}-alkaryl,

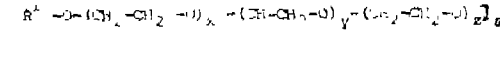
C_6-C_{36}-heteroaryl or

C_6-C_{48}-heteroalkaryl,

x and z independently of one another are a number from 0 to 300 and y is a number from 0 to 200,

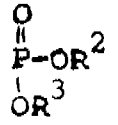
with the proviso that the sum of x, y and z is a number greater than zero, or

(B) Phosphorylated surfactant compounds of the formula II



in which

R^1 is as defined for formula 1 or is a radical of the formula



x, y and z are as defined for formula I,

R^2 is hydrogen,

an alkali metal cation, one equivalent of an alkaline earth metal ion,

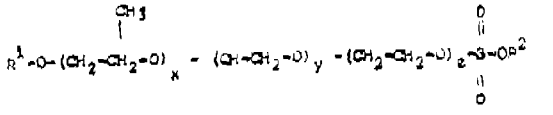
ammonium, mono-, di- or tri (C_1-C_{12}) alkylammonium or

mono-, di- or tri (C_1-C_{12}) alkanolammonium, and

R^3 is R^2 or a

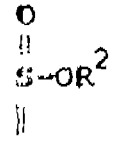
or

(C) sulfated surfactant compounds of the formula III



in which

R^1 is as defined for formula 1 or is a radical of the formula

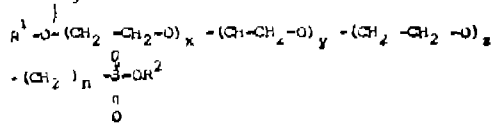


R^2 is as defined for formula II, and

X, Y and Z are as defined for formula 1,

Or

(D) Sulfonated surfactant compounds of the formula IV



in which

R^1 is as defined for formula 1,

R^2 is as defined for formula II,

x, y and z are as defined for formula 1, and

n is a number from 1 to 3, and, if desired, adjuvants and water to make up 100% by weight which process consists of mixing the active substance with a surfactant selected from compound A, B, C, or D.

Compl. Specn. 26 pages Drgs. Nil

Cl. : 69 K 177031

Int. Cl. : H01 H 33/70, 33/74

GAS CIRCUIT BREAKER.

Applicant : HITACHI LTD., OF 6, KANDA SURUGA-DAI 4-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : (1) OSAMU KOYANAGI (2) YASUHARU SEKI (3) MASANORI TSUKUSHI.

Application No. 1034/Cal/1990 filed on 17th December, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

4 Claims

A gas circuit breaker comprising :

a main fixed element and a main movable element capable of contacting and moving apart from each other ;

a fixed contact provided on the side of said main fixed element ;

a movable contact provided on the side of said main movable element and capable of contacting and moving away from said fixed contact ;

a hollow nozzle provided inside said movable contact ;

a cylinder, a puffer cylinder and a fixed piston provided on said main movable element ;

an insulation nozzle surrounding said movable contact, said insulating nozzle being capable of compressing a gas in a puffer chamber defined by said puffer cylinder and said fixed piston and capable of guiding the gas to the gap between said contacts disconnected ;

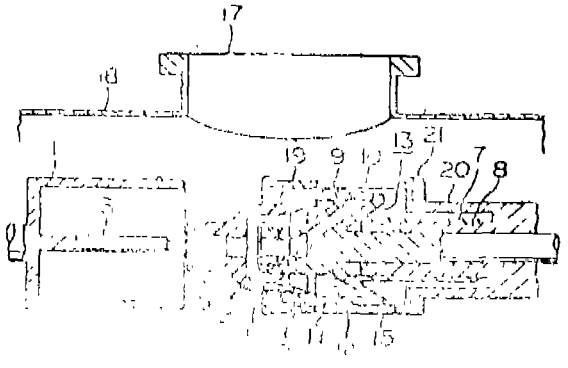
an opening formed in a side surface of said cylinder to discharge the gas from said hollow nozzle ;

a gas flow passage formed to provide a passage between said hollow nozzle and said opening ; and

an exhaust guide provided outside said main movable element to close said opening ;

characterised in that said exhaust guide is divided into a plurality of guide members connected by releasable fixing device.

FIG. 1



Compl. Specn. 11 pages Drgs 4 sheets

3—297 GI/96

Cl. : 33 F, 90 I 177032
136 E & F

Int. Cl. : B 28 B 7/00
B 28 C 1/00

A METHOD OF PRODUCING A MOLDED PRODUCT.

Applicant : ADVANCED PLASTICS PARTNERSHIP, OF 235 39TH PLACES, MOLINE, IL 61265, UNITED STATES OF AMERICA.

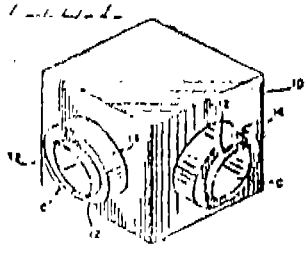
Inventors : (1) TIMOTHY MARK MOORE (2) GERBRIG WILLEMINUS VAN DER WOUDE.

Application No. 483/Cal/1991 filed on 5th June, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

20 Claims

A method of producing a molded product by molding the product in a conventional method, wherein the molding core contained in the molded product and which is bound in the required configuration therein by exposing said core with a silicate salt and water soluble carbohydrate comprising said core and subjecting said molded product to water to disintegrate and remove the core from the molded product thereby the final molded product is obtained free from the core.



Compl. Specn. 19 pages Drgs. 1 sheet

Cl. : 128 A, G 177033

Int. Cl. : A 61 F 13/16, 13/18, 13/20.

A SANITARY NAPKIN

Applicant : MCNEIL-PPC, INC., OF VAN LIEW AVENUE, MILLTOWN, N.J. 08850, UNITED STATES OF AMERICA.

Inventors : (1) MARTHA DAVIS (2) DANIEL FORMOSA (3) JEANNIE GERTH (4) PATRICIA A. MOORE (5) STEPHEN RUSSAK (6) TAMARA THOMSEN (7) TUCKER VIEMEISTER.

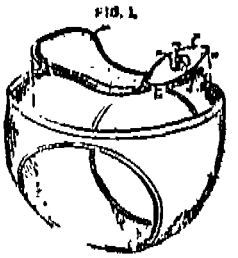
Application No. 489/Cal/1991 filed on 27th June, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

18 Claims

A sanitary napkin comprising a central absorbent element having longitudinally extending sides, transverse ends, a body-facing side and an undergarment-facing side, said central absorbent element including mechanical attachment means for securing said sanitary napkin to an undergarment for minimizing shifting of said sanitary napkin during movements by a wearer said mechanical attachment means comprising

male and female fastenting elements which engage to capture a portion of the thickness of said undergarments.



Compl. Specn. 21 pages Drgns. 6 sheets

Cl. : 102 C 177034

Int. Cl.[4] : G 01 F 01/74

A FLOW MONITOR FOR MONITORING A FLOW RATE OF A GAS COMPONENT, AN OIL COMPONENT AND A WATER COMPONENT OF A COMPOSITE PETROLEUM STREAM.

Applicant : TEXACO DEVELOPMENT CORPORATION, OF 2000 WESTCHESTER AVENUE, WHITE PLAINS NEW YORK 10650, UNITED STATES OF AMERICA.

Inventors : (1) TIMOTHY LEE DEAN (2) EARL LEONARD DOWTY (3) IAN STARTUP.

Application No. 899/Cal/1991 filed on 3rd December 1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1997), Patent Office, Calcutta.

2 Claims

A flow rate monitor for monitoring a flow rate of a gas component, an oil component and a water component of a composite petroleum stream, comprising :

a test line (8) with a chamber (12) inclined downwardly at an angle so that stratification of liquid and gas occurs in the chamber ;

a sampling line (15) for providing a sample stream from the liquid in the chamber ;

a separator (19) for separating gas from the sample stream to provide a gas output and a liquid output ;

return lines (23, 26) for returning respectively said gas output and said liquid output to the test line ;

a plurality of sensors comprising the combination of :

a water fraction meter (44) for determining the water fraction of said liquid output and providing a water fraction signal (WC) representative thereof ;

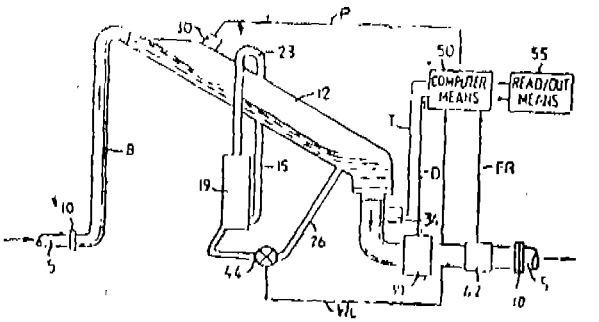
a pressure sensor (30) for sensing the pressure of the composite petroleum stream and providing a pressure signal (P) representative thereof ;

a temperature sensor (34) for sensing the temperature of the composite petroleum stream and providing a temperature signal (T) representative thereof ;

a columetric flowmeter (42) for monitoring the volumetric flow rate of the composite petroleum stream and providing a flow rate signal (FR) representative thereof ; and

a densitometer (39) for monitoring the density of the composite petroleum stream and providing a density signal (D) representative thereof ; and

a computer connected to said sensors (44, 30 34, 42, 39) to receive the respective signals (WC, P, T, FR, D) there from and to provide flow rate signals (Q gas, Q oil, Q H_2O) representative of the volumetric flow rates of the gas, Oil and water components of the composite petroleum stream in accordance with said signals.



Compl. Specn. 8 pages Drgns. 1 sheet

Cl. : 32 (C) 177035

Int. Cl. : E 21 B 43/04

A METHOD FOR THE MANUFACTURING OF IMPROVED DRAIN ELEMENT.

Applicant : LAUSITZER BRAUNKOHLE AKTIENGESELLSCHAFT, OF 0-7840 SENFTENBERG, KNAPPENSTRASSE 1, FEDERAL REPUBLIC OF GERMANY.

Inventor : (1) REINHARD TOST (2) KONRAD DOMKE (3) WERNER FAHLE (4) MICHAEL STRZODKA.

Application No. 024/Cal/1992 filed on 14th January, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1997), Patent Office, Calcutta.

5 Claims

A method for the manufacturing of improved drain element for use in deep drain wells comprising preparing a homogeneous mixture of a selected surcharge material and a resinous binding material such as herein described adding necessary hardeners and other additives such as herein described as may be desired, working out of the mixture into a consistant composition, pouring the same in desired mould/s and thereafter heat covering the poured composition at a temperature of between 80°C to 130° and allowing to harden followed by stripping or removing the moulded material from the mould a desired product wherein the said surcharge material is 20-30 parts by weight per part of the polyurethane type resin and one substance part of the binding material.

Compl. Specn 6 pages Drgns Nil.

Cl. : 194 C 1 177036

Int. Cl. : H 01 J 31/00, 9/42
G 01 D 21/00

THERMAL DRIFT MEASURING SYSTEM FOR A CATHODE RAY TUBE.

Applicant : SAMSUNG ELECTRON DEVICES CO. LTD., OF 575 SHIN-RI TAEAN-EUB HWASEONG-GUN KYUNGGI-DO, REPUBLIC OF KOREA.

Inventors : (1) SANG-ROK LEE (2) WOO-KYUNG SIM.

Application No. 212/Cal/1992 filed on 31st March, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1997), Patent Office, Calcutta.

15 Claims

A thermal drift measuring system for a cathode ray tube comprising :

camera means constisting of a plurality of cameras for receiving an image of a test CRT to convert the received

image signal into an electrical signal and moving electron beams;

video processor means for converting an analog signal output from one of said plurality of cameras into digital signal, to store the converted analog signal into a built-in memory;

a CPU for analyzing the data stored in said memory of said video processor means to output a proper control signal according to the analyzed data;

magnetic field controller means for controlling the movement of electron beams by the control signal of said CPU;

selector means connected to said plurality of cameras for selecting said one of the plurality of cameras under the control of said CPU and outputting an analog output signal of said one of the plurality of cameras to said video processor means, and for supplying a current from said magnetic field controller means to said one of the plurality of cameras under the control of said CPU;

output means for quantifying the data analyzed by said CPU to output said analyzed data; and

a test fixture for installing cameras of said camera means and said CRT comprising a camera installation portion for installing said cameras, a CRT installation portion for installing said CRT which are fixed in one body and separable from each other, a first support movably fixed to said camera installation portion so as to be movable back and forth in the front of said camera installation portion, a disk supported at its centre by said support, a support rotator located between said camera installation portion and a second support for supporting said camera installation portion and said CRT installation portion.

FIG 2

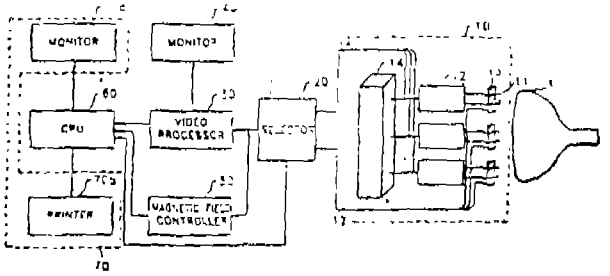
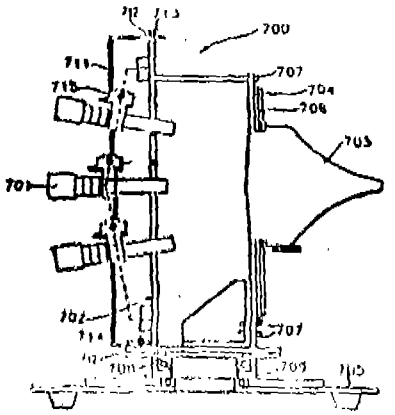


FIG. 7



Compl. Specn. 28 pages Drgns. 9 sheets

Cl. : 6 B 3 177037

Int. Cl. : B 01 D 46/02

A BAG FILTER THAT IS HIGHLY RESISTANT TO HOT PARTICLES.

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON DELAWARE, UNITED STATES OF AMERICA.

Inventor : HERMAN HANS FORSTEN.

Application No. 743/Cal/92 filed on 14th October, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

2 Claims

A bag filter that is highly resistant to hot particles entrained in exhaust gaseous stream such as hot particles laid in gas, comprising a retainer (5) and cloth (6), the cloth of said filter bag comprising a laminate of a felt of poly (m-phenylene isophthalamide), polyester or polyphenylene sulfide fibers having a thin nonwoven fabric of poly (p-phenylene terephthalamide) fibers needled thereto, the poly (p-phenylene terephthalamide) fabric being positioned such that it is exposed to the hot varticle laden gas stream.

Compl. Specn. 8 pages Drgns. 1 sheet

Cl. : 32 F+55E1 177038

Int. Cl.[4] : C 07 D 413/00, 453/00, 513/08

PROCESS FOR THE PREPARATION OF TACHIQUININE ANTAGONIST COMPOUNDS.

Applicant : A. MENARINI INDUSTRIE FARMACEUTICHE RIUNITE S.R.L. OF VIA SETTE SANTI 3, FIRENZE, ITALY. LABORANTORI GUIDOTTI S.P.A. OF VIA TRIESTE 40, PISA, ITALY. MALESCI-ISTITUTO FARMACOBIOLOGICO S.P.A., OF VIA PORPORA 22/24, FIRENZE, ITALY.

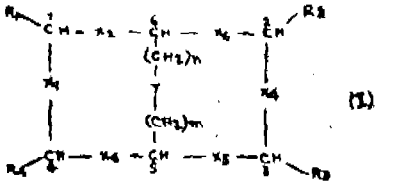
Inventors : (1) VINCENZO PAVONE (2) AIVGELINA LOMBARDI (3) CARLO PEDONE (4) CARLO ALBERTO MAGGI (5) LAURA QUARTARA.

Application No. 212/Cal/1993 filed on 13th April, 1993.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

37 Claims

1. Process for the preparation of tachiquinine antagonist compound of general formula (I)



(I)

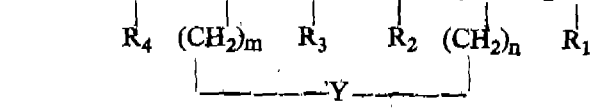
where:

X1, X2, X3, X4, X5 and X6, identical or different, are each selected out of the group consisting of -NR'-CO-, -CO-NR'-, where R' is chosen in the group consisting of H, C_{1-3}alkyl, Y is selected out of the group consisting of -CONR-, -NRCO-, -OCO-, -COO-, $-CH_2-NR-$, $-NR-CH_2-$, -SS-, $-CH_2-CH_2-$, cis or trans -CH=CH-, where R is chosen in the group consisting of H, C_{1-3}alkyl; R1, R2, R3 and R4 are each a hydrophobic group, such as herein described by way of examples, n and m, identical or different, are each a whole number from 1 to 4, comprising

a) deprotecting the α-t-Boc group from the aminoacid (B): α-t-Boc-NR'-CH(R_1)-CO-O-PAM (phenylacetamidomethyl) resin, where t-Boc stands for tert-butyloxycarbonyl-group and α-preceding t-Boc indicates that the said group is in the known α-position of the aminoacid to which it is linked, with 33% solution of TFA (trifluoroacetic acid) in (dichloromethane) (5 ml/g) and with 50% solution of TFA in DCM (5 ml/g), to obtain the intermediate H-NR'-CHR_1-CO-O-PAM resin where R', R_1 and PAM are as defined above;

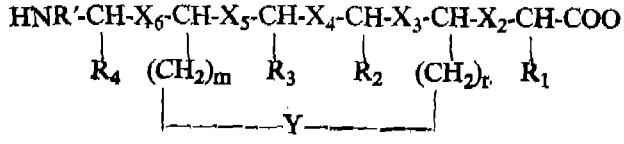
b) then neutralising the resin with 10% solution of diisopropylethylamine in (dimethylformamide) (5 ml/g),

c) dissolving an aminoacid of formula t-Boc-NR'-CH[$(CH_2)_n$ NRFmoc)] COOH (4eq), where Fmoc stands for 9-fluorenylmethyloxycarbonyl and t-Boc, R_1 and R are as defined above, in dichloromethane; cooling the solution to 0°C and adding 2 eq of dicyclohexyl-carbodiimide to the solution; filtering off after 15 min the resulting dicyclohexylurea and adding the solution to the said resin of step (b) to obtain the intermediate; t-Boc-NR'—CH[$(CH_2)_n$ NRFmoc)]CO-X_2—CHR_1—CO-O-PAM resin where t-Boc, Fmoc, X_2, R', R and R_1 are as defined above, performing the subsequent deprotection of the α-t-Boc group in the above manner and addition in stages of the aminoacid t-Boc-NR' —CR_2—COOH, t-Boc—NR'—CHR_3—COOH, t-Boc-NR'—CH[$(CH_2)_m$ COOFm] COOH and finally t-Boc-NR'-CHR_4—COOH, where Fm stands for fluorenylmethyl and t-Boc, R' R_2, R_3, m, α-t-Boc are as defined above, with the same procedure described above to obtain intermediate (A); t-Boc-NR—CHR_4-X_6—CH [$(CH_2)_m$ COOFm]-X_5—CHR_3—X_4—CHR_2—X_3—CH[$(CH_2)_n$ NRFmoc]—CO—X_2—CH(R_1) COOPAM resin where t-Boc, X_6, m, Fm, X_5, X_4, X_3, n, Fmoc, X_2, PAM, R', R_4, R_3, R_2, R_1 and R are as defined above, removing the Fmoc and OFm group of the above linear peptide chain of intermediate (A) by treatment with 20% solution of piperidine in DMF (5 kl/g) to obtain the resultant linear hexapeptide of formula t-Boc-NR'—CHR_4—X_6—CH[$(CH_2)_m$ COOH]—X_5——CHR_3—X_4—CHR_2—X_3—CH[$(CH_2)_n$ NRH]—CO—X_2—CH(R_1)COOPAM resin where t-Boc, X_6, m, X_5, X_4, X_3, n, X_2, PAM, R', R_4, R_3, R_2, R_1 and R are as defined above, then cyclizing the said linear hexapeptide on the solid support using 2 eq of Benzotriazole-1-yl-oxy-tris-pyrrolidino-phosphonium hexafluorophosphate and 4 eq of diisopropylethylamine in dimethylformamide solution (50 ml/g) to obtain the monocyclic peptide of formula (C);



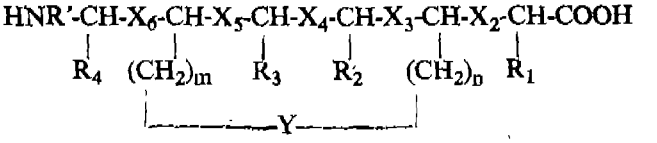
$COO-CH_2$P-AM resin

where t-Boc, PAM, R', X_6, X_5, X_4, X_3, X_2, Y, R_4, R_3, R_2 and R_1 are as defined above, finally deprotecting the said monocyclic peptide in the usual manner with trifluoracetic acid to obtain the intermediate of formula:



-CH2-PAM resin

where PAM, R' X_6, X_5, X_4, X_3, X_2, Y, R_4, R_3, R_2 and R_1 are as defined above, cleaving the said intermediate from the resin using anhydrous HF (10 mg/ml) at 0°C to obtain a peptide of formula (D);



where R', X_6, X_5, X_4, X_3, X_2, Y, R_4, R_3, R_2 and R_1 are as defined above, and cyclizing the said peptide of formula (D) in diluted (2mM) dimethylformamide solution using 1.2 eq of Benzotriazole-1-yl-oxy-tris-pyrrolidino-phosphonium-hexafluorophosphate and 2.4 eq of diisopropylethylamine as activating agent to obtain the desired compound of formula (I).

Compl. 30 pages.

Cl. : 55 D_2 177039

Int. Cl. ; A 01 N 59/14.

"A PROCESS FOR THE PREPARATION OF DIARYL PYRIDINIO AND ISOQUINOLINIO BORON FUNGICIDAL COMPOUNDS.

Applicant : AMERICAN CYANAMID COMPANY, of One Cyanamid Plaza, Wayne, State of New Jersey 07470, United States of America.

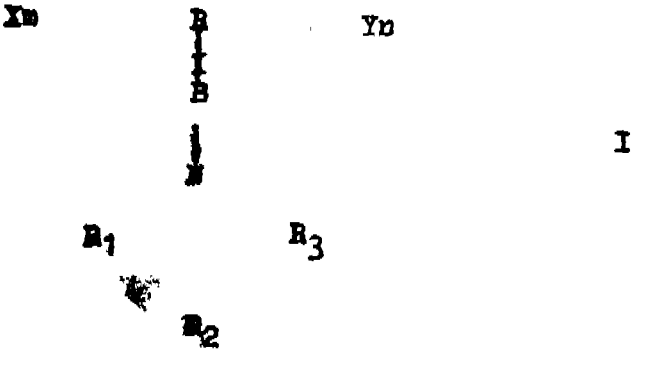
Inventors : BOMI PILLOO PATEL.

Application No. : 346/Cal/1994 filed on 10th May, 1994.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

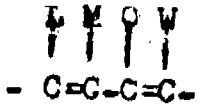
25 Claims

A process for the preparation of diaryl pyridiris and isoquinolired boron fungicidal compounds having the structural formula 1.



Wherein

X and Y are each independently hydrogen, halogen, C_1—C_8 alkyl, C_1—C_8—haloalkyl, C_1—C_8 alkoxy or C_1—C_8 haloalkoxy; m and n are each independently an integer of 0, 1, 2 or 3; R is C_1—C_8 alkyl, R_1, R_2 and R_3 are each independently hydrogen, C_1—C_8 alkyl, C_1—C_8 haloalkyl, C_1—C_8 alkoxy, C_1—C_8 haloalkoxy, halogen, cyano, nitro, C(O) R_4, NR_5 R_6 or phenyl optionally substituted with one to three halogen, C_1—C_4 alkyl, C_1—C_4 haloalkyl, C_1—C_4 haloalkoxy or NR_5 R_6 groups, and when taken together, R_2 and R_3 may form a ring in which R_2R_3 is represented by the structure : $-(CH_2)p$ — or



R_4, R_5 and R_6 are each independently hydrogen or C_1—C_4 alkyl, P is an integer of 3 or 4, and L, M, Q and W are each independently hydrogen halogen C_1—C_4 alkyl, C_1—C_4 haloalkyl, C_1—C_4 alkoxy C_1—C_4 haloalkoxy or nitro, provided that when each of R_1, R_2, R_3 is hydrogen or t-butyl then R must be other than halogen, and further provided that when X, Y, R_1, R_2 and R_3 are hydrogen then R is hydroxy, the term halogen used herein includes fluorine, chlorine, bromine and iodine, which comprises the following steps,

(A) providing a solution of alkyl magnesium halide such as herein described,

(B) adding said solution of alkyl magnesium halide to a solution of diaryl borinic acid ethanolamine ester of formula II,

(C) stirring the reaction mixture at a temperature of 10°C to 150°C,

(D) treating the reaction mixture of step (C) with unsubstituted or suitably substituted isoquinolines or pyridines of formula V such as herein described,

(E) stirring the reaction mixture of step (D) above at a temperature of 10°C to 150°C, followed by

(F) subjecting the same to washing and drying such as herein described to obtain the desired product.

Compl. Specn : 37 pages Drgs : Nil

Cl. : 32 C 177040

Int. Cl. : C 07 G 1/00

A PROCESS FOR PREPARING NOVEL BLOWING AGENTS AND POLYMERIC PRODUCTS MADE THEREWITH.

Applicant & Inventor : SANTANU ROY, OF 13, NANDA KUMAR CHOWDHURY LANE, CALCUTTA-700 006, WEST BENGAL, INDIA.

Application No. 158/Cal/1994 filed on 15th March, 1994.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

24 Claims

A process for making novel blowing agent which comprises reacting together oxo-compounds generated in course of microbiological fermentation, optionally in the presence of lignin containing compounds from the industrial waste effluents and organo-esters such as herein described usually effective as plasticizers, intimately mixing the ingredients for about 30-45 minutes under constant stirring in an inert atmosphere, if so desired, to produce the desired product.

Compl. Specn. 38 pages Drgs. Nil

Ind. Cl. : 39 E 177041

Int. Cl.[4] : C 01 C 3/04

A PROCESS FOR PRODUCING HYDROGEN CYANIDE FROM GASEOUS ACETONITRILE.

Applicant : BP AMERICA INC., OF 200 PUBLIC SQUARE, 36 F 3454, CLEVELAND, OHIO 44114-2375, USA.

Inventor : SUSAN DIO, USA; PAUL WACHTENDORF, USA.

Kind of Application : Complete.

Application for Patent No. 872/Del/90 filed on 31-8-90.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

10 Claims

A process for producing hydrogen cyanide from gaseous acetonitrile comprising reacting crude acetonitrile containing HCN as an impurity, alongwith a polymerization inhibiting agent such as hereinbefore defined which substantially eliminates the polymerization of the HCN, in the presence of an oxygen containing gas while in contact with an oxidation/ammoxidation catalyst said reaction occurring at a temperature of 110°C to 140°C, to obtain hydrogen cyanide.

US Patent No. 3516789 and 3911089 are referred in the specification.

Agent : Remfry & Sagar.

Compl. Specn. 11 pages Drgs Sheets Nil

Ind. Cl. : 32 E 177042

Int. Cl.[4] : C08F, 114/06

A METHOD FOR PRODUCING A CHLORINATED VINYL CHLORIDE POLYMER.

Applicant : THE B. F. GOODRICH CO. OF 3925, EMBASSY PARKWAY, AKRON, OHIO 44313, UNITED STATES OF AMERICA.

Inventor : ZAEV SHARABY, ROBERT GERARD VIELHABER.

Application for Patent No. 902/Del/90 filed on 10-9-90.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

5 Claims

A method for producing a chlorinated vinyl chloride polymer comprising :

Polymerizing 100 parts by weight of vinyl chloride or vinyl chloride and vinyl component monomer in the presence of conventional ingredients in known amounts and 0.02 to 0.5 parts by weight of at least one surfactant wherein said surfactant is a hydroxypropyl methyl cellulose either having a methoxyl substitution of from 15 per cent to 35 per cent and a hydroxyproposxyl substitution of from 4 per cent to 35 per cent to form an intermediate.

Chlorinating said intermediate to obtain a chlorinated vinyl chloride polymer having improved color by known conventional means.

Compl. Specn. 32 pages Drg. Nil

Ind. Cl. : 127 1 177043

Int. Cl.[4] : F16H 35/00.

ARCHING DEVICE.

Applicant : WILHELM SCHUSTER, OF NEUBAUXEILE 87, AUSTRIA,

Inventor : WILHELM SCHUSTER.

Application for Patent No. 914/Del/90 filed on 11-9-1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

43 Claims

An arching device with a general pressure element comprising at least one pressure element and one or more transverse members connected thereon or made in one piece, and at least one traction element with a tension lock engaging thereon, wherein upper and/or lower region of the segment to be arched of said general pressure element preferably at a transverse member (13, 13') engages one or more traction or pressure elements (1, 1', 2, 2').

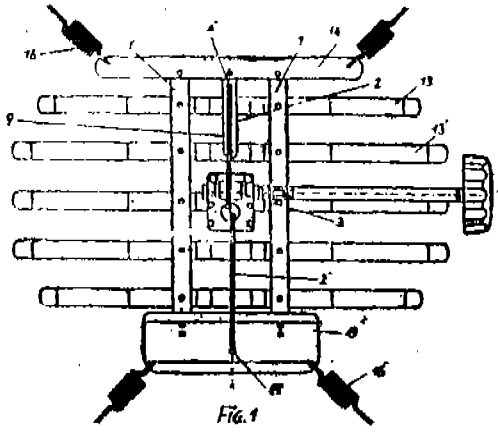


Fig. 1

Compl. Specn. 36 Pages Drgs. 22 sheets

Ind. Cl. : 127 1 177044

Int. Cl.[4] : G 01 D 4/00, 4/10, 4/16

A TIMER AND A METHOD OF MANUFACTURING THE SAME.

Applicant : TIME TICKET INTERNATIONAL LTD., OF CORNER ARMAGH STREET AND OXFORD TERRACE CHRIST CHURCH, NEW ZEALAND.

Inventor : THOMAS WEBB TOTHILL, NEW ZEALAND, HARRY GEORGE COCKBURN, NEW ZEALAND.

Kind of Application : Complete.

Application for Patent No. 928/Del/90 filed on 20-9-1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

18 Claims

A timer comprising of a piece of porous wick (1) material and a reservoir (A, B) of liquid (6), at least one of said liquid (6) and said porous (1) wick being such that when the reservoir (a, b) is opened and the liquid (6) released it soaks into the porous wick to thereby create a visible trace of the liquid (6) on the porous (1) wick, characterised in that the porous wick material (1) and reservoir (a, b) are contained in a lamination (2, 3) wherein a face (2) part of the lamination (2 3) is transparent such that said visible trace can be seen ; said wick (1) material having imposed thereon or positioned adjacent thereto a series of markings to indicate the time range over which the timer is to be used.

A method of manufacturing a timer as claimed in any preceeding claim which comprises :

coating a wick material with viscosity correction agent and dye solution ;

cutting paper wick elements from the coated wick material ;

heating a film to make the film slightly tacky ;

positioning the wicks on the film;

placing a top film on top of the said film and wicks ;

laminating the top film to the said film ;

cooling the laminated films to set the films together.

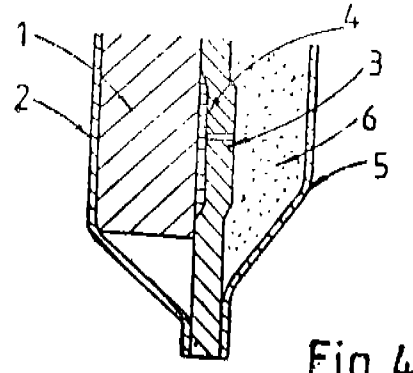


Fig. 4

Ref. : Nil

Agent : Remfery & Sagar

Compl. Specn. 12 pages Drg. 1 sheet

Ind. Cl. : 32 E 177045

Int. Cl.[4] : C 10 M 133/04, 133/26.

A PROCESS FOR MAKING A FILM-FORMING THIXOTROPIC BINDER SYSTEM SUITABLE FOR USE IN THIXOTROPIC COATING COMPOSITIONS.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC., OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, SWIP, 3JF, ENGLAND.

Inventor : PETER FRANCIS NICKS, USA.

Kind of Application : Convention.

Conventional Date : 8924125.1/GB/26-10-90.

Application for Patent No. 988/Del/90 filed on 10-10-90.

Appropriate office for filing opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

10 Claims

A process for making a film-forming thixotropic binder system suitable for use in thixotropic coating compositions, which process comprises co-reacting :

(a) at least one isocyanate compound comprising more than two isocyanate groups.

(b) at least one primary or secondary polyamine (i.e. an amine containing at least two amino groups) and optionally,

(c) at least one primary or secondary monoamine in the presence of from 80 to 99 wt% of a film-forming copolymer (where the weight percentage is based on the combined weights of the copolymer, the isocyanate compound, the polyamine and any monoamine) and wherein,

(d) the copolymer is a carboxylic acid copolymer which prior to the co-reaction comprises carboxylic acid groups in an amount sufficient to give the copolymer an acid value of atleast 25 mgKOH/g copolymer,

(e) the combined weights of isocyanate compound, polyamine and monoamine reactants are from 1 to 20 wt% of the combined weights of film-forming copolymer, isocyanate compound, polyamine and maonoamine,

(f) the ratio of monoamine to polyamine reactants is such that from 10 to 90% of the amine groups in the reactants are provided by the monoamine, and

(g) the ratio of isocyanate compound to mono- and polyamine reactant is such that the ratio of isocyanate groups to amine groups is from 1 : 1 to 1.25 : 1.

Ref. : Nil

Agent : Remfry & Sagar

Compl. Specn. 43 pages Drgn. sheet Nil

Ind. Cl. : 140 B(1) 177046

Int. Cl.[4] : C10M 145/24

LUBRICANT OIL COMPOSITION.

Applicant : MITSUI PETROCHEMICAL INDUSTRIES LTD., OF 2-5 KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO 100, JAPAN.

Inventor : KINYA MIZUI, YOSHIAKI RURUYA.

Application for Patent No. 1010/Del/90 filed on 15-10-90.

Appropriate Office for filing Opposition Proceedings Rule 4, Patent Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

2 Claims

A lubricant oil composition comprising :

(i) a glycol ether carbonate represented by the general formula (I) :

$$R_1—O—(—R_3—O—)_m—OO—(—OR_4—)_n—OR_2$$

wherein R_1 and R_2 are each independently a member selected from the group consisting of an aliphatic group, an alicyclic group, an aromatic group and an aromatic-substituted aliphatic group each having not greater than 20 carbon toms.

R_3 and R_4 are each independently an ethylene group or an isopropylene group, and

m and n are each independently an integer of 2 to 100, and

(ii) an azone layer-non destructive Freon,

wherein an amount of the glycol ether carbonate is at least 1 part by weight based on 100 parts by weight of the composition and balance, if any being optional conventional additives.

Compl. Specn. 26 Pages Drgn sheet Nil

Ind. Cl. : 107 I 177047

Int. Cl.[4] : F02M 9/00, 13/06

FUEL GAS CARBURETOR.

Applicant : JITENDER GUPTA OF 41, AASHIRWAD APARTMENT, 74, I.P. EXTENSION, NEAR PATPARGANJ BUS DEPOT, DELHI-110092.

Inventor : JITENDER GUPTA.

Application for Patent No. 1156/Del/90 filed on 23-11-90.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

A fuelgas carburetor for internal combusition engine which consists of a mixing chamber having cylindrical walls, characterised in that a fuel gas pipe having an outer wall of 10% greater diameter in cross section than said mixing chamber and positioned co-axially with mixing chamber, a frustoconical portion connecting the said mixing chamber and said fuel gas pipe, an air supply pipe extending through said fuel-gas pipe and positioned co-axially thereof, a second frustoconical portion connected to said air supply pipe, the small end of said frusto-conical member terminating at the intersection of said mixing chamber an annular wall for closing the lower end of said fuel gas pipe, a fuel gas duct in communication with the lower portion of said fuel gas pipe, and control means comprising of two butterfly valves mounted on a single shaft in said fuel gas duct and said air supply pipe for supplying a 1 : 400 ratio of fuel gas and air to the carburetor.

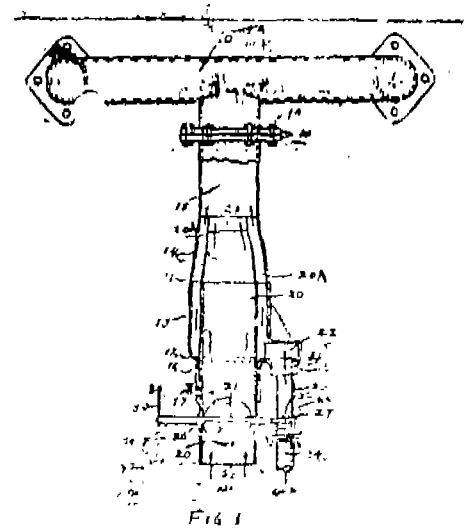


FIG 1

Compl. Specn. 7 pages Drgn. 1 sheet

Ind. Cl. : 70 B 177048

Int. Cl.[5] : H 01 M 10/00.

A SEALED RECHARGEABLE HYDROGEN STORAGE ELECTROCHEMICAL CELL.

Applicant : ENERGY CONVERSION DEVICES INC., OF 1675 WEST MAPLE ROAD, TROY, MICHIGAN 48084, USA.

Inventor : BENJAMIN REICHAMAN, USA : SRINI VENKATESAN, USA : MICHAEL A. FETCENKO, USA: KENNETH JEFFRIES, USA : SHARON STAHL, USA : CLIFFORD BENNETT, USA.

Kind of Application : Divisional: Ante-dated to 24-11-87.

Divisional to Patent Application No. 1005/DEL/87 filed on 24-11-87.

Application for Patent No. 1165/DEL/90 filed on 26-11-90.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Dtlhi-110005.

15 Claims

A sealed rechargeable hydrogen storage electrochemical cell comprising :

a positive electrode;

a negative electrode;

separator means positioned between said positive and negative electrodes, said postive and negative electrodes positioned in said cell in spaced apart operative relation;

electrolyte in contact with said separator means and said positive and negative electrodes; and

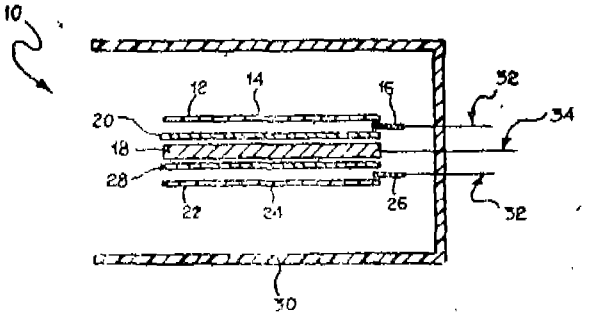
sealed container means containing said positive and negative electrodes said separator means and said electrolyte characterised by;

said negative electrode comprising an activated rechargeable hydrogen storage negative electrode comprising a body of hydrogen storage active material, said body composed of an agglomeration of particles of active hydrogen storage material, said body containing a residual amount of hydrogen and being substantially free of surface oxides, said residual amount of hydrogen being equivalent to a potential of about-0.7 volts versus a Hg/Hgo/oH reference electrode when discharged at a rate of about 5 mA/gram to 25mA/gram of active material.

Ref : NIL

Agent : Remfry & Sagar

FIG. 1



(Complete Specification 52 Pages Drawing Sheets 6)

Ind.. Cl. : 32 E 177049

Int. Cl.[4] : H01B 13/22

AN IMPROVED PROCESS FOR THE PRODUCTION OF POLYMERIC CONDUCTING SURFACE BY CHEMICAL VAPOUR PHASE DEPOSITION OF POLYPYRROLE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor : DINESH CHANDRA TRIVEDI, SUNDEEP KUMAR DHAWAN.

Application for Patent No. 1176/Del/90 filed on 27-11-90.

Complete left after Provisional Specification on 18-2-92.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch. Karol Bagh, New Delhi-110 005.

4 Claims

An improved process for the production of polymeric conducting surface by vapour phase deposition of polypyrrole on insulating surfaces such as polyester film, fabrics, polyvinyl alcohol film which comprises sensitising insulating surfaces like polyster film, fabrics, polyvinyl alcorol film with anhydrous $FeCl_4^-$ ionic I-onm which is produced by dissolving anhydrous Ferric chloride ($FeCl_3$) in diethyl ether and bubbling anhydrous hydrochloric acid gas till the yellow solution of Ferric chloride turns to light green exposing the sensitised surface to Vapour of pyrrole in an inert atmosphere to produce a surface having the resistivity in the range of 10 ohm per sq. to 2.5 Kohm per sq.

(Provnl Specn. 6 pages Drgn. sheet nil

Compl. Specn. 12 pages Drgn. sheet nil

Ind. Cl. : 107 C 177050

Int. Cl.[4] : F23N 1/00

A LIQUID CUM GASS FLOW TAP.

Applicant : SULTAN SINGH JAIN, B-36, SHANTI-NAGAR, ROORKEE, DISTRICT HARIDWAR, U.P., INDIA.

Inventor : SULTAN SINGH JAIN.

Application for Patent No. 1211/Del/90 filed on 30-11-90.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch. Karol Bagh, New Delhi-110 005.

1 Claim

A petrol cum Air Flow Tap mounted in a petrol tank (17) fitted with a bladder (3) ; a petrol tap (18) comprising a rotor (21B) drilled with two right angle mini holes (23A & 23B) one over the other spaced apart indicating OPEN (15) and RESERVE (20) positions meet with a central mini hole (13B), movably fitted in a cylinderical body (5B) having two mini holes (13C, 13B) one over the other in a line coinciding the cited mini holes (23A, 23B) of the rotor (21B) ; an air tap (1) also comprising a rotor (21A) mounted with a knob (11) drilled with a right angle vent (24) movably fitted is a cylinderical body (5A) having a slit (26) coinciding the said vent (24) ; the said petrol tap (18) fitted at the bottom (4) and air tap (1) at the top (28) of the petrol tank (17) and they are connected by a connecting strip (6).

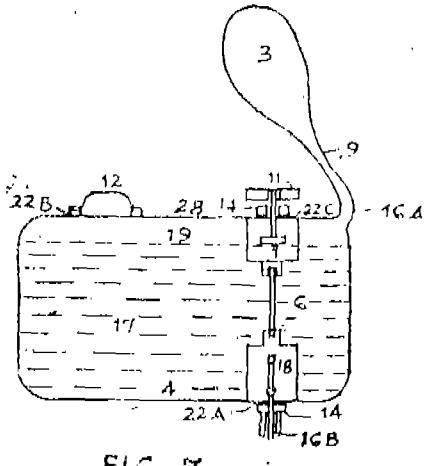


FIG. 7

Compl. Specn. 8 pages Drgn. 1 sheet

Ind. Cl. : 32 B 177051

Int. Cl.[4] : C07C 5/32, 6/00

A PROCESS FOR THE OXIDATIVE DEHYDROGENATION OF C_5 ALPHATIC HYDROCARBONS TO PRODUCE MORE UNSATURATED C_5 HYDROCARBONS.

Applicant : TEXAS PETROCHEMICALS CORPORATION, OF 8600 PARK PLACE BOULEVARD, HOUSTON, TEXAS 77017, UNITED STATES OF AMERICA.

Inventor : CECIL GARVIN MCFARLAND.

Application for Patent No. 496/Del/90 filed on 23-5-90.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

5 Claims

A process for the oxidative dehydrogenation of C_5 aliphatic hydrocarbons to produce more unsaturated C_5 hydrocarbons such as isoprene which comprises :

(a) feeding a stream containing C_5 aliphatic hydrocarbons such as isoamylenes and from 15 to 90 mole percent based on the total feedstream of C_4 hydrocarbons such as butenes to a reactor ;

(b) contacting said stream with a metal ferrite catalyst at a liquid hourly space velocity of from 0.10 to 15 thereby oxidatively dehydrogenating a portion of said isoamylenes to isoprene wherein during said oxidative dehydrogenation the amount of oxygen is from 0.2 to 1.0 moles per mole of H_2 being liberated from the hydrocartons and from 2 to 40 moles of steam per mole of hydrocarbons to be dehydrogenated ; and

(c) removing an effluent from said reactor containing an increased yield of more unsaturated C_5 hydrocarbons such as isoprene.

Compl. Specn. 23 pages Drgn Nil

Ind. Cl. : 23 BH 177052

Int. Cl.[4] : H02 1/08

QUICK CLOSURE BOX.

Applicant : TELEMECANIQUE, OF 43-45, BOULEVARD FRANKLIN ROOSEVELT, 92500 RUEIL MALMAISON, FRANCE.

Inventor : FABRICE MAES.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

6 Claims

Quick closure box comprising a molded material base 2 and a lid 3, fixed to said base 2 by means of screws 6, each of said screws 6 passing through an opening 9 in said lid 3, said screws 6 each having a threaded end 11 engaged in a tapped hole 16 of a coaxial cylindrical connector extension 10, said extension 10 having externally, a relatively large pitch thread 17 of a diameter relatively greated than the diameter of the threaded ends 11 of said screws, 6, the thread 17 of said extension 10 being engaged in a second 1 fixed tapped hole 12 disposed in said base 2 in the vicinity of a wall 13 thereof, characterised in that said second tapped hole 12 is provided with portions of a reduced number of fixed longitudinally superimposed helical threads 25-26 rooted in a smooth cylindrical hole 12 (23 24 27), helical surfaces 31, 32 opposite said portions 25 26 of thread being in alignment with a transverse opening wall opening 30 for receiving a longitudinal support 41 of corresponding threads 17 of said extension 10, the external edge 32, 27 of said threads 17, 25, 26 bearing transversely on the cylindrical surface 23 of said hole 12 in a region opposite said portions of said portions of said helical threads 25, 26.

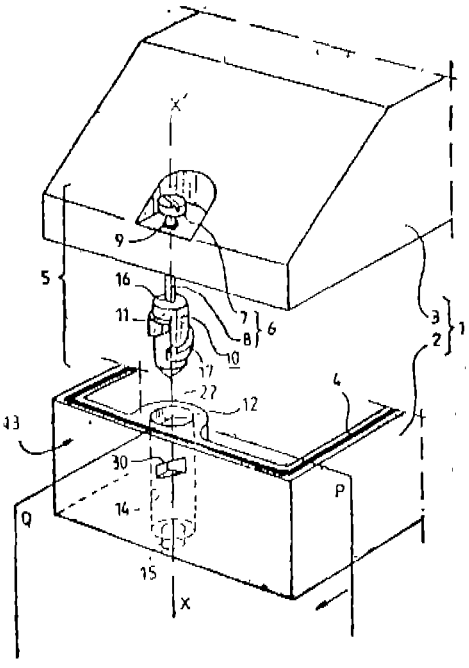


FIG.1

Compl. Specn. 12 pages Drgns. 4 sheets

Ind. Cl. : 147 F 177053

Int. Cl.[4] : G11B 33/10

A HAND-HELD VIDEO CAMERA ASSEMBLY.

Applicant : SONY CORPORATION OF 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN.

Inventors : MITSUO HOSHINO, YUKA TSUTSUMI, MITSUHIRO SHIMADA, TAKASHI MASUDA, YUJI MORIMIYA, YOSHIHIRO IDE, TAKASHI KAWAGUCHI, YUICHIRO NOGO.

Application for Patent No. 504/Del/90 filed on 24-5-90.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

18 Claims

A hand-held video camera assembly comprising :

a video camera section 4 comprising an optical lens system 6 ;

a video tape recording section 3 ;

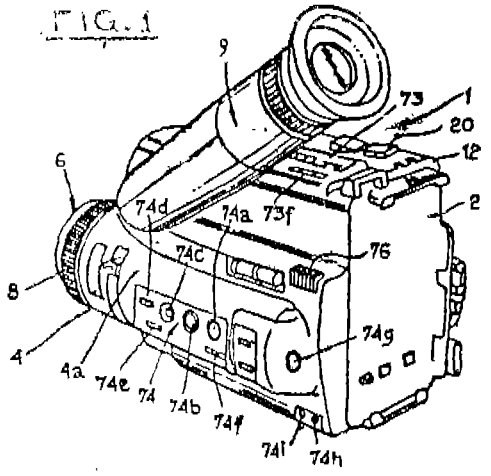
a camera housing 2 comprising a hand-hold side wall and an opposite side wall, and enclosing said camera section 4 and said tape recording section 3 between the hand-hold side wall and the opposite side wall ; and

a hand-hold assist member 13 for facilitating hand-hold onto the hand-hold side wall ;

said camera section 4 extending alongside said recording section 3 from the front of the housing 2 toward the rear of the housing 2 between said hand-hold side wall and the opposite side wall, and the recording section 3 extends from

the front of the housing 2 toward the rear of he housing 2 between said camera section 4 and said hand-hold side wall.

FIG. 1



(Compl. Speen. 43 pages Drngs. 20 sheets)

Ind. Cl. : 69 E t 177054

In. Cl.4 : H02H 3/00

A DIELECTRIC BLAST CIRCUIT BREAKER.

Applicant : GEC ALXTHOM SA, OF 38, AVENUE KLEVER, 75116 PARIS.

Inventors : DENIS DUFOURNET, MICHEL PERRET.

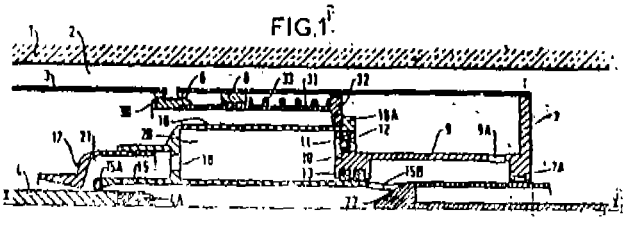
Application for Patent No. 505/Del/90 filed on 25-5-90.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

5 Claims

A dielectric blast circuit breaker comprising a cylindrical casing (1) filled with dielectric gas under pressure, said casing having a main fixed conduct (3) and an axial fixed arcing contact (4), a moving arcing contact (15) made of a first tube, mechanically fixed to a driving rod, a second tube (16) coaxial and external to said first tube (15), said first and second tube being mechanically fixed together and defining a blast volume with a blast nozzle affixed at one end thereof, a fixed piston (10) sliding relatively to said blast volume, characterised in that a moving main contact made of a third tube (31) is located in said casing, coaxial and external to said second tube (16) and having at one end a short cylindrical metal element (30) for cooperating with said fixed main contact and with finger contacts (6), coaxial and external to said third tube (31) and fixed to a fixed metallic ring (7) in electrical contact with said first tube said third tube (31) being actuated by a spring (33) extending between a second end (32) of said third tube (31) and an abutment (8) fixed to said finger contacts (6).

FIG. 1



Compl. Speen. 7 pages Drgn. 1 sheet

Ind. Cl : 126 C, 126 D 177055

Int. Cl : G 01 R 1/00

A DEVICE FOR EVALUATING ELECTRICAL CONTACT MATERIALS IN REGARD TO CONTACT RESISTANCE, EROSION AND WELDABILITY.

Applicant : COUNCIL OF SCIENTIFICA AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI.

Inventor : PURUSHATTAM NARAYAN MISHRA, INDIA; SHIVA NAND SINGH, INDIA : PROBHAT BASAK, INDIA; SAILENDRA CHANRA DEV, INDIA; AMITAV ROY, INDIA; OMKAR NATH MOHANTY, INDIA.

Kind of Application : Complete

Application for Patent No. 763/DEL/90 filed on 27-7-90

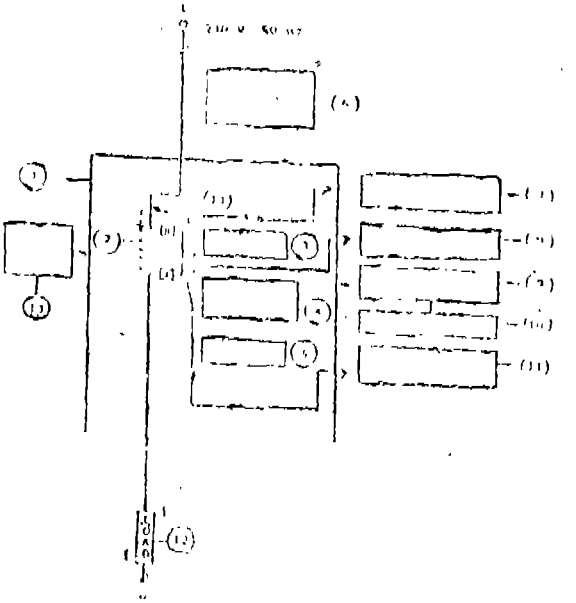
Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Dtlhi-110005

(Claims 2)

A device for evaluating electrical contact materials in regard to contact resistance, erosion & weldability which comprises a contact make/break unit (1) which consists an electronic control module (4) energised by a power supply (5), the electronic control module (4) consisting a pulse generator connected through a firing control pulse generator to a power amplifier, one output of the electronic control module (4) being connected to the input of a relay unit (3) not hhown in the drawing, another output being connected to a digital storage oscilloscope (11) for monitoring the pulse rate, the output of relay unit (3) being connected to the input of a contactor unit (2) having mean for holding contact tips under test, the contact tips on the contactor unit (2) having placed near the tips a temperature sensor (14) connected to a temperature measuring unit (7) and having placed in between the contact tips a force sensor connected to a force measuring unit (8) for measuring contact force of make & break, the contact tips being connected to an electrical load (12), a weldability measuring unit (9) having counter (10), which registers the number of contacts made, a contact resistance measuring unit (13) being connected across the contacts (2) a voltage, current, power factor measuring unit (6) consisting a voltmeter, an ammeter and power factor meter being connected between mains and contacts (2).

Ref. NIL

Agent : CSIR



(Complete Specification 8 pages Drawing Sheets 3)

Ind. Cl. : 206E (LX 11) 177056

Int. Cl.[4] : H01S 1,00.

"A CIRCUIT FOR CONTROLLING A DEVICE SUCH AS AN AMPLIFIER."

Applicant : GEC ALSTHOM S. A. OF 38, AVENUE KLEBER, 75116 PARIS, FRANCE.

Inventor : JEAN-PIERRE DUPRAZ, JEAN-PAUL MONCORGE.

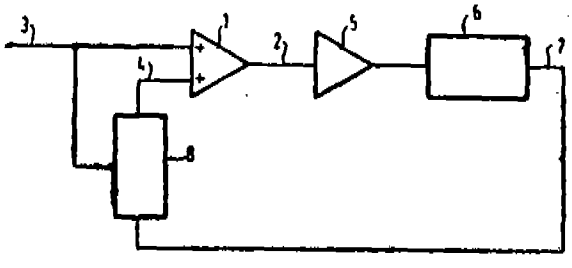
Application for Patent No. 0818/DEL/90 filed on 16-8-90.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

(Claims 2)

A circuit for controlling a device (6) such as an amplifier (6), comprising a first adder (1) which delivers a control signal (2) from an input signal and a correction signal (4), characterised in that an output of said circuit provides said correction signal (4), said circuit comprising an amplifier (9) delivering a difference signal (10) representative of the difference between said output signal (7) of said system (6) being controlled and said input signal (3), two processors (11,12) working both by synchronous detection followed by an integration connected to said amplifier (9) and receiving respectively said difference signal and a signal derived from said difference signal (10) by a 90° phase shifting and providing respectively a first (13) and a second (14) modification signals, said circuit also having a second adder (15) whose input receives said modification signals (13,14) from said processors (11.12) to which said second adder (15) is connected, output of said second adder delivering said correction signal (4).

FIG. 1



(Complete Specification 11 Pages Drawing Sheets 4)

Ind. Cl. : 170 A, 189. 177057

Int. Cl.[4] : A61K 7/00, 7/075.

A COSMETIC COMPOSITION.

Applicant : THE PROCTER & GAMBLE COMPANY, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, UNITED STATES OF AMERICA.

Inventor : RAYMOND EDWARD BOLICH, MICHAEL JAMES NORTON, GLENN DAVID RUSSELL.

Application for Patent No. 829/Del/90 filed on 20-8-90.

Appropriate Office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

(Claims 38)

A cosmetic composition comprising :

(a) from 80% to 100% of a vehicle system which comprises :

(A) from 0.3% to 5.0% by weight of the cosmetic composition of a hydrophobicall modified nonionic water-soluble polymer such as hercin described which comprises a water-soluble polymer backbone such as herein described and hydrophobic groups selected from the group consisting of C_8-C_{30} alkyl, aryl alkyl, alkyl aryal groups and mixtures thereof; wherein the ratio of the hydrophilic potion to the hydrophobic portion of the polymer is from 10 : 1 to 1000 : 1; and

(B) from 0.3% to 5.0% by weight of the cosmetic compositinon of a water-soluble polymeric thickener such as herein described having a molecular weight grater than 20,000; and

(C) from 65% to 99% by weight of the cosmetic composition of a compatible solvent; and

(b) from upto 20% of an active cosmetic component, wherein said cosmetic compositions comprise no more than 1.0% of water-soluble surfactants.

(c) and other conventional ingredients such as herein (c) described.

(Compl. Specn. 6 pages; Drwg. Sheets Nil.)

Ind. Cl. : 170 A, 189. 177058

Int. Cl.[4] : A61K 7/075.

A COSMETIC COMPOSITION AND A HAIR CARE COMPOSITION COMPRISING THE SAME.

Applicant : THE PROCTER & GAMBLE COMPANY, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, UNITED STATES OF AMERICA.

Inventor : RAYMOND EDWARD BOLICH, MICHAEL JAMES NORTON, GLENN DAVID RUSSELL.

Application for Patent No. 830/Del/90 filed on 20-08-90.

Appropriate Office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

(Claims 13)

A cosmetic composition which comprises :

(a) at least 80% of a vehicle system which comprises :

(A) from 0.1% to 10.0% by weight of a hydrophobically modified noionic water-soluble polymer which comprises a wate-soluble polymer backbone and hydrophobic groups selected from C_8-C_{30} alkyl, aryl alkyl, alkyl aryl groups and mixtures thereof; wherein the ratio of the hydophilic portion to the hydrophobic portion of the polymer is from 10:1 to 1000 : 1 which is a nonionic cellulose ether having a sufficient degree of nonionic substitution, selected from methyl, hydroxyethyl, and hydroxypropyl, to cause it to be water-soluble and being further substituted with a long chain alkyl redical having 10 to 24 carbon atoms in an amount between 0.2 weight per cent and the amount which renders said cellulose ether less than 1% by weigh soluble in water.

(B) from 0.02% to 0.3% by a water water-soluble surfactant as hereinbefore described having a molecular weight less than 20.000; and

(C) the balance % by weight being a compatible solvent as hereinbefore described; and

(b) an active cosmetic component as hereinbefore described present in an amount of up to 20%; wherein said cosmetic composition comprise no more than 1.0% total of water-soluble surfactant materials, and most preferably wherein the vehicle system provides a rheology to the cosmetic composition that is characterised by a shear stress of from 0 to 50 pascal over a shear rate range of from 0.04 sec 1 to 25 sec-1; and

(c) optionally conventional additives.

(Comp. Specn. 62 pages;

Ind. Cl. : 32 E 177059

Int. Cl.[4] : C 008 L 83/06

A METHOD OF MANUFACTURING IMPERMEABLE ORGANIC POLYMER FILMS.

Applicant : ENERGY SCIENCES, INC. AT 42 INDUSTRIAL WAY, WILMINGTON, MASSACHUSETTS, U.S.A.

Inventor : JOHN E. WYMAN, U.S.A.

Kind of Application : Complete.

Application for Patent No. 832/Del/90 filed on 20-08-90.

Appropriate Office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

(Claims 12)

A method of manufacturing organic polymer films substantially impermeable to gases such as oxygen, aroma, flavor and fragrance, and greases and oils, which comprises, hydrolysing silance monomers or mixtures of silane monomers such as herein described in a solvent miscible with water and that solubilizes silanes and is evaporable, and equilibrating the solution of solvent; coating the said solution and solvent upon the polymer film and evaporating the said solvent and water to complete the formation of Si-O-Si bonds and to cross-link the silane(s), thereby to produce a siloxane gas-impermeable barrier coating adhered to the surface of the film and grafting the said siloxane coating to the polymeric film by conventional methods.

US Patent No. 4803126 is refered in the specification.

Agent : Lall Lahiri & Salhotra.

(Complete Specification 30 pages; Drawing Sheets 3)

Ind. Cl. : 32 C & E 177060

Int. Cl.[4] : 07 C 131/04.

A PROCESS FOR THE PRODUCTION OF CYCLOHEXANONE OXIME.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI.

Inventor : JALE SUDHAKAR REDDY, SUBRAMANIAN SIVASANKER, PAUL RATNASAMY, INDIA.

Kind of Application : Complete.

Application for Patent 865/Del/90 filed on 30-8-90.

Application for Patent No. 865/Del/90 filed on 30-8-90. 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

(Claims 2)

A process for the production of cyclonexanone oxime which conprises reacting cyclohexanone or cyclohexanol or mixture thereof, in any proportion, with an aqueous solution of hydrogen peroxide and ammonia in presence of a crystalline titanosilicate catalyst designated as TS-2, of the kind as herein described in a reactor at a temperature in the range of 40 to 120°C, and separating the cyclohexanone oxime from the products of the reaction.

Ref. Indian Patent Application 954/Del/89 is refered in the specification,

Agent : NIL.

(Complete Specification 14 pages; Drawing Sheets : NIL)

Ind. Cl. : 32 E 177061

Int. Cl.[4] : C09L 31/02.

"A HYDROXYALKANOATE (HA) POLYMER COMPOSITION AND A PROCESS FOR THE PREPARATION THEREOF."

Applicant : ZENECA LTD., OF IMPERIAL CHEMICAL HOUSE, MILLIBANK, LONDON.

Inventor : JOHN MICHAEL HERRING, ANDREW WEBB.

Application for Patent No. 507/Del/90 filed on 25-5-90.

Convention Date 8912388.9/30-5-90/GB.

Appropriate Office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

(Claims 13)

A hydroxyalkanoate (HA) polymer composition composing :

(a) a HA polymer such as hereinbefore defined; and 0.1 to 5 per hundred parts of (a) of

(b) a nucleant comprising an organophosphonic or organophosphinic acid or ester thereof or a derivate of said acid or ester as hereinbefore defined, the field having one of the structural formulae :

wherein R is an organic group; and

(a) a metal compound selected from the group consisting of oxides, hydroxides and saturated or unsaturated carboxylic acid salts or metals from Group I to V of the periodic Table.

(Comp. Specn. 19 pages; Drwg. Sheets Nil)

Ind. Cl. : 32 E 177062

Int. Cl.[4] : C08F, 132/00.

"A PROCESS FOR PREPARING POLYMERIC PRODUCTS WITH REDUCED POLYDISPERSIVITY AND WHICH ARE FREE OF CYCLIC OLIGOMER CONTAMINATION, BY POLYMERIZING AT LEAST ONE CYCLIC ETHER MONOMER".

Applicant : THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTRY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, WHITEHALL, LONDON, SW1A.

Inventor : MALCOLM, JOHN STEWART.

Application for Patent No. 0508/Del/90 filed on 25-5-90.

Convention date 8912456/31-5-89/GB.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch. Karol Bagh, New Delhi-110 005.

(Claims 11)

A process for preparing polymeric products with reduced polydispersivity and which are substantially free of cyclic oligomer contamination, by polymerizing at least one cyclic ether monomer selected from the group comprising oxetanes and nitrato-and nitro-substituted oxiranes and capable of undergoing cationic oxonium ion ringopening polymerization, said process comprising reacting said monomer with an organic hydroxy-containing precurser compound and a catalyst of the kind described hereinbefore which is capable of genesursor compound having at least one hydoxy functional cursor compound having ft least one hydoxy functional

group for initiating polymerization of the monomer, wherein the polymerization comprises the steps of :

(a) mixing said monomer together with stoichiometric excesses of both of said catalyst and said precursor compound to promote formation of said oxomum ions and subsequent reaction between said ions and the hydroxy groups on molecules of said precursor compound to give a non-ionic product having at least one hydroxyl terminal group, the molar ratio or precursor compound to catalyst being at least 5 : f where f is the hydroxy functionally of the precursor compound; and

(b) bringing further of said monomer into contact with the reaction mixture at a low rate sufficient to maintain said catalyst in stiochiometric excess over said monomer such that the non-ionic product of step (a) undergoes chain extension polymerization with further of said oxonium ions, said chain extended polymer having at least one hydroxyl terminal group to obtain said polymeric product.

(Complete Specification 25 pages; Drawing Sheets Nil)

Ind. Cl.[1] : 143 D 177063

Int. Cl. : B 65 B 1/02.

A TURRET FOR USE WITH AN OVERWRAPPING MACHINE .

Applicant : RAJESH KHOSLA AND LAJPAT RAI KHOSLA. BOTH PARTNERS OF KHOSLA ENGINEERS, OF B-17, INDUSTRIAL AREA, PHASE-II, MOHALI-160051, PUNJAB.

Inventor : RAJESH KHOSLA, INDIA.

Application for Patent No. 532/DEL/90 filed on 15-6-90.

Complete left after Provisional Specification on 5-9-91.

Kind of Application : Addition to Application No. 692/Del/89 filed on 4-8-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch. Karol Bagh, New Delhi-110 005.

(Claims 3)

A turret for use with an overwrapping machine comprising a plurality of Pocket (TP) for accommodating a Packet P therein a first working station being provided for receiving a partially wrapped packet P, second and third working stations being provided with folding and sealing means and a fourth station being discharge station, characterised in that said folding means F & H has a first means comprising a heating rod S_4 provided with the heating means and connected with a lever S_3 so as to give a vertical movement towards and away from the packet P having wrapper partially wrapped thereon, and a second means comprising a spring loaded cooling plate being provided at the third station for cooling and setting of the seal.

Indian Patent Application No. 692/Del/89 is referred in the specification.

(Agent L. S. DAVAR & CO.

(Complete Specn. 10 pages; Drawing Sheets 2)

Int. Cl.[4] : B 02 C 4/12 177064

Ind. Cl. : 94 H, G

"A PULVERISER".

Applicant & Inventor : SANT PRASAD PAUL OF SFS FLATS, POCKET-C, FLAT NO. 299, SHEIKH SARAI, PHASE-I, NEW DELHI-19..

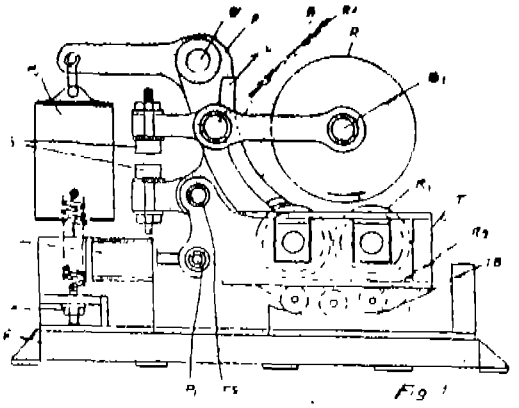
Application for Patent No. 00535/Del/90 filed on 5-6-90.

Complete left after Provisional specification on 5-9-91.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

(Claims 5)

A pulverizer comprising a main scrushing roll R supported movably at one end of a roll support arm. RA a pressure plate for feeding material thereon provided with a counter weight at the rear end thereof and supported on the hinged bearings B. a spring tension adjustment means A mounted at one end of a base frame F of said pulverizer, a trolley T having a pair of bottom driving rolls R adapted to move on a inclined bed IB being provided in a spaced relationship below said crushing rolls R so to get the pulverized material.



(Provisional Specn. 5 pages; Drawing Sheet Nil)
(Compl. Specn. 9 pages; Drawing Sheet 1)

Ind. Cl. : 45 B 177065

Int. Cl.[4] : E 03 1/00.

SANITTARY FIXTURES.

Applicant : DESMOND M. KENDALL 121 BRILLANGER STREET, RICHMOND HILL, ONTARIO, CANADA L4C 8X8.

Inventor : DESMOND M. KENDALL, CANADA.

Application for Patent No. 571/De/90 filed on 13-6-90.

Kind of application : Convention Date 6004283/28-6-89/CA.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch. Karol Bagh, New Delhi-110 005.

(Claims 4)

A Sanitary fixture of the type adaptable to be secured to a floor and constructed from plurality of interconnected, shell-like plastic members consisting of outer shell members forming at least parts of he exposed boundary of said fixture and inner shell members which include a waste and water receiving basin having a discharge outlet proximate the bottom of the basin and a water trap conduit that has an inlet end connected to said discharge outlet and an outlet end for connection to a wast down pipe located in said floor, and separate support means for positively securing said fixture to said floor, said support means having a bottom section which is securable to said floor, a pair of spaced apart support walls extending upwardly from said bottom section and which relative to said water trap conduit are located on either side thereof, each of said support walls having an upper section for fixedly securing said support means to an underside of said basin, a transverse wall which extends between said support walls, an aperture in said transverse wall, said transverse

walls provided with joining means for joining said discharge outlet of said basin to said inlet end of said water trap conduit in water tight relationship.

Ref : Nil.

Agent : Remfry & Sagar.

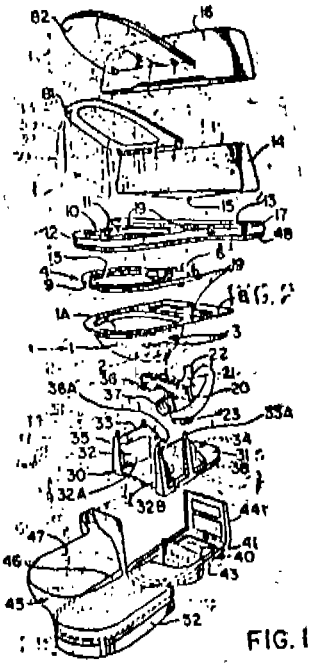


FIG. 1

(Compl. Specn. 18 pages Drwg. Sheet 3)

Ind. Cl. : 206 CE 177066

Ind.[6] Cl. : G 06 C 1/00, 9/00, 13/00, 15/00

A FEATURE CARD FOR A PERSONAL COMPUTER.

Applicant : INTERNATIONAL BUSINESS MACHINES CORP., OF ARMONK, NEW YORK, 10504, USA.

Inventors : GREGORY FREDERICK BUSH, U.S.A., DON STEVEN KEENER, U.S.A., JEANNE ELLEN MOREL, U.S.A., RICHARD W. VOORHEES, U.S.A.

Kind of application : Complete, Convention : Conventien date 89279509/11-12-89/GB.

Application for Patent No. 603/Del/90 filed on 20-6-90.

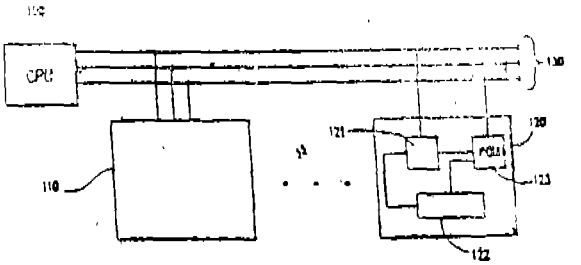
Appropriate Office for filing Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

5 Claims

A feature card comprising a component of a personnel computer system, said component having read only memory, said read only memory having two addressable fields, a first addressable field storing read only instruction codes for the card in sequential order, the sequential order consisting of a first group of instruction codes followed by a second group of instruction codes, a second addressable field storing identical instruction codes in a different order, the different order comprising the second group of instruction codes followed by the first group of instructions codes.

Ref. IBM Corp. under P/SZ trademark is referred in the specification.

Agent ANAND & ANAND.



(Compl. Specn 15 pages, Drawing 3 Sheets.)

Ind. Cl. : 206 EI 177067

Ind. Cl.[4] : H04 N 1/00

MULTI BUS MICROCOMPUTER DEVICE.

Applicant : INTERNATIONAL BUSINESS MACHINES CORP., OF ARMONK, NEW YORK 10504, U.S.A.

Inventors : RALPH MURRAY BEGUN, U.S.A.; PATRICK MAURICE BLAND, U.S.A.; PHILIP EDWARD MILLING, U.S.A.

Kind of Application : Conventional.

Convention date : 9008144.9/10-4-90/GB; 90305297.5/16-5-90/EPO.

Application for Patent No. 604/Del/90 filed on 20-6-90.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

4 Claims

A multi-bus microcomputer device comprising a CPU and a cache subsystem connected together by a CPU local bus, said cache subsystem comprising a cache controller and a cache memory, system bus means connecting said cache controller to a random access memory and a plurality of addressable functional units, said CPU having a LOCK output and said cache controller having a LOCK input, said cache controller including means for treating any cycle associated with an active LOCK input as a non-cacheable cycle, and logic means coupled between said LOCK output of said CPU and said LOCK input of said cache controller, said logic means including a control input for disabling any relationship between said LOCK output and LOCK input.

Ref. : NIL.

Agent : ANAND & ANAND.

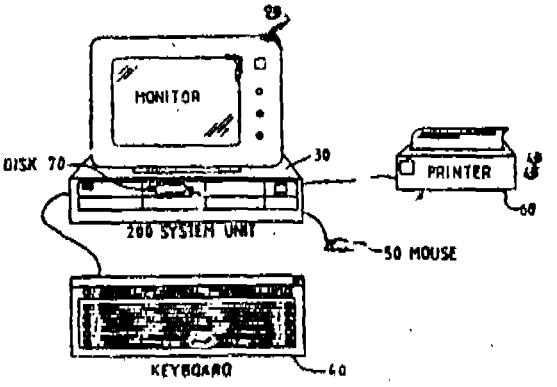


Fig. 1

(Compl. Specn. 10 pages, Drawing 3 Sheets.)

Ind. Cl. : 130 F 177068

Int. Cl.[4] : C 22 B, 3/00, 15/00, 15/08

A PROCESS FOR THE HYDROMETALLURGICAL EXTRACTION OF COPPER FROM SULPHIDE ORES USING SILVER ION AS CATALYST.

Inventor : PATAKI CHARAN BANDYOPADHYAY, INDIA.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI.

Kind of application : Complete.

Application for Patent No. 0622/Del/90 filed on 22-6-90.

Appropriate office for filling opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi 110 005.

9 Claims

An improved process for the hydrometallurgical extraction of copper from sulfate ores which comprises grinding the ores to a suitable size, leaching the ground ore with acidic ferric sulfate solution in the presence of a silver ion as catalyst, filtering and extracting copper from the filtrate by conventional methods, characterised in that leaching is carried out in presence of 2 to 10 ug/ml of silver ion at from normal pressure.

Ref. : NIL.

Agent : NIL.

(Compl. Specn. 7 pages, Drawing Nil Sheets.)

Ind. Cl. : 47 C 1770569

Int. Cl.[4] : C 10B, 57/06.

A PROCESS FOR THE PRODUCTION OF A COKING COAL HAVING LOW ASH AND HIGH FLUIDITY (THERMOPLASTICITY) USEFUL FOR BLENDING WITH SUBSTANDARD COALS TO MAKE STRONG COKE.

Inventor : MURARI CHAKRABORTY; INDIA, REZAUL HAQUE; INDIA.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001.

Kind of Application : Complete.

Application for Patent No. 0624/Del/90 filed on 22-6-90.

Appropriate Office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

9 Claims

A process for the production of coking coal having low ash and high fluidity (thermoplasticity) useful for blending with substandard coals to make strong coke which comprises crushing and grinding carbonaceous raw materials selected from high ash non coking coal lignites, washery middlings of high sulphur coals singly or mixtures there of to below 211 micron i.e.-72 BSS mesh, adding a hydrogen donor type solvent such as herein described to form a slurry heating the slurry to a temperature in the range of 150—170° to reduce the viscosity of the slurry, hydrogenating the heated slurry by conventional methods, at a pressure 50—100 atmosphere and temperatures of 300—430° separating the gaseous products formed and the solvents from the insolubles by filtration followed by distillation and if desired reusing the solvents, for making the slurry and recovering the coking coal by known methods.

Ref. NIL.

Agent : Nil.

(Complete Specification 11 pages; Drawing Sheets NIL).

Ind. Cl. 194 C 177070

Int. Cl[4] : F 03 H 1/00

AN IMPROVED PROCESS FOR THE MANUFACTURE OF TEXTURISED SUBSTRATE USING A PLASMA ETCHING SYSTEM.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI.

Inventors : UMA SHANKAR TANDON, BANSHI DHAR PANT, WAMAN SADASHIVA KHOKLE.

Kind of Application : Complete.

Application for Patent No. 646/Del/90 filed on 27-6-90.

Appropriate Office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

7 Claims

An improved process for the manufacture of texturised substrate using a plasma etching system which comprises : placing the cleaned substrate to be texturised horizontally in nitrogen ambient on the cathode of a plasma etching system and depositing a blanket layer of masking material on to the said cleaned substrate, using halohydrocarbon of the general formula $C_xH_yR_z$ wherein R represents halogen, x, y and z respectively represent the number of carbon, hydrogen and halogen atoms in the halohydrocarbon molecule, y may be greater than or equal to x and z may be greater than or equal to 1, and maintaining the chamber pressure at about 50m Torr and switching ON RF power of around several hundred miliwatt/sq cm, for formation or RF plasma venting the chamber with nitrogen gas and removing the substrate, then subjecting to a reactive gases by, introducing into the said chamber a combination of reactive gases at flow rate of 5-100 S ccm and consisting of oxygen, inert gas and a halohydrocarbon having general formula $C_lH_mR_n$, wherein R represents halogen, n the number of halogen atoms and 1 the number of carbon atoms may be greater than or equal to 1, m the number of hydrogen atoms may be greater than or equal to zero, (i.e. a hydrocarbon whose all hydrogen atoms have been replaced by halogens while converting it into halohydrocarbon such as CF_4 or CCl_4) at a pressure in the range of 5—150m Torr raising—RF by switching ON RF power with a strength higher than that used in the earlier masking process, followed by venting with nitrogen and removing the texturised substrate.

Ref. Nil.

Agent : Nil.

(Compl. Specn. 12 pages, Drawing 1 Sheet.)

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 163246 granted to The Atul Products Limited. For an invention relating to "a water soluble direct black polyazo dyestuffs mixture".

The patent ceased on the 16th August, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th October, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 26-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 163247 granted to The Atul Products Limited. For an invention relating to "a process for the preparation of a water soluble direct green polyazodyestuffs mixture.

The patent ceased on the 16th August, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th October, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 26-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 166049 granted to Greaves Foseco Ltd. For an invention relating to "a method of manufacturing a self-setting foamed refractory composition for heat-insulating lining".

The patent ceased on the 29th Aug., 1995 due to nonpayment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th Oct, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 26-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 166918 granted to WST Warmespeichertechnologie S.A. For an invention relating to "a latent heat energy store".

The patent ceased on the 18th July 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th October, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 26-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 170964 granted to Uop Inc. For an invention relating to "a catalytic composition and a method for preparing the same".

The patent ceased on the 25th June, 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th October, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 26-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 171788 granted to Contempo Products, P. Herrli. For an invention relating to "two piece coupling device for use with an apparatus for carrying out peritoneal dialysis".

The patent ceased on the 23rd September, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th October, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 26-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 172677 granted to Gularat Alkalies & Chemicals Ltd. For an invention relating to "an economical process for the treatment of sodium cyanide plant waste".

The patent ceased on the 19th September, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th October, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 26-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 172854 granted to Westinghouse Electric Corporation. For an invention relating to "circuit breaker".

The patent ceased on the 11th July, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th October, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 26-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 172871 granted to Westinghouse Electric Corporation. For an invention relating to "circuit breakers".

The patent ceased on the 12th July, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th October, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 26-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 173032 granted to Westing House Electric Coporation. For an invention relating to "a rubber stop assembly for multi pole circuit breaker".

The patent ceased on the 11th July, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th October, 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 12-10-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

PATENT SEALED ON 27-09-96

176241* 176242 176245 176246 176247 176248 176264 176265* 176267* 176268 176269 176270* 176271* 176274 176276 176280

CAL—NIL, DEL—16, BOM—NIL, MAS—NIL

* Patent shall be deemed to be endorsed with the words LICENSE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

RENEWAL FEES PAID

158723 159224 159226 159512 159633 159640 160119 160343 160428 160482 163784 163785 163786 164023 164124 164152 164243 164245 165711 166573 166678 166863 166863 167041 167083 167144 167272 168141 168281 168688 168698 168780 168781 169108 169167 169168 169200 169205 169210 169306 169342 169346 169362 169402 169463 169517 169561 169576 169580 169600 170183 170188 170299 170311 170313 170314 170517 170537 170553 170555 170566 170577 170663 170681 170698 170816 170981 171048 171458 171845 171936 171938 171960 172074 172190 172207 172256 172266 173073 173142 173155 173221 173505 173531 173681 173816 173843 174079 174096 174103 174194 174500 174757 175087

CESSATION OF PATENTS

163477 163488 163497 163508 163570 163587 163599 163608 163635 163655 163681 163704 163731 163746 163757 163858 163876 163898 163928 163942 163950 163956 163991 164011

REGISTRATION OF DESIGNS

The following designs hae been registered. They are not open to inspection for period of two years from the date of registration except as proided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 169253, Arun Kumar, an Indian national, 12 Shamnath Marg, New Delhi-110 054, India, "DOOR VIEWER", 2nd June 1995.

Class 1. No. 170029, George M. Dewberrry II, American national, whose address is 404 Baldwin Street, Greenville, Michigan 48838, U.S.A., "INSECT REPELLING DEVICE, 13th October 1995.

Class 1. No. 170071, Dr. Soumya Panigrahi, vill. Kanjia, P.O. Manikabasan, Distt. Midnapore, West Bengal, Pin-721 453, Indian by nationality, "DIRECT OPTHALMOSCOPE", 25th October 1995.

Class 1. No. 169809, International Development Enterprises (IDE), B-65, Paschim Marg, Vasant Vihar New Delhi, India, "BICYCLE", 7th September 1995.

Class 1. No. 169838, U. Select Enterprises, a firm registered under Indian partnership act, 1932, of B 30, Swami Dayanand Colony Sarai Rohilla, Delhi-110 007, Delhi State, India, "SANITARY JALI", 13th September 1995.

Class 1. No. 169618, Khaitan India Limited, a Joint Stock Company, 46C, Jawaharlal Nehru Road, Calcutta-700 071, West Bengal, India, Indian Company, "CEILING FAN", 2nd August 1995.

Class 3. No. 170178, Nilkamal Plastics Ltd., of Plot No. 971-1A, Sinnar Taluka Industrial Co-operative Estate, Sinnar Shirdi Road, Sinnar-422 103, Maharashtra, India, Indian Company, "PLANTER", 14th November 1995.

Class 3. No. 169335, Sanjay Kumar Sharma, 4355, Bhairo Street, Nai Sarak, Delhi, India, Indian, "HUKKA", 15th June 1995.

Class 3. No. 169395, Global Innovators Pty. Ltd., an Australian Company, ACN 003 600 799, of 8 Vaucluse Road Vaucluse, New West Wales, 2030, Australia, "AGITATOR FOR MANUAL WASHING MACHINE", 26th June 1995.

Class 3. No. 169620, Shinger Cosmestic Pvt. Ltd., whose address is Amrapali Shopping Centre, Vakuntbhai Mehta Road, Juhu Scheme, Bombay-400 049, Maharashtra, India, "CONTAINER", 3rd August 1995.

Class 3. No. 170007, Pyxe India Machine Co., of E 74, Shastri Nagar, Delhi, India, Indian proprietorship concern, "FOLDING PRESS", 12th October 1995.

T. R. SUBRAMANIAN
Controller General of Patent, Design & Trade Marks

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